

BPC POWERSTOR BATTERY RANGE

PSLWGEL 240 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Enhanced battery performance due to GEL technology and high tin positive plate alloy
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Superior high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	9Ah
DIMENSIONS	WIDTH 65
	DEPTH 152
	HEIGHT 94
WEIGHT	2.54kgs
INTERNAL RESISTANCE @ 25°C	21.0 mOhm
CHARGE	Max. 2.25A : Recom. 0.90A
MAX. DISCHARGE CURRENT	135A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	1hr	2hr	3hr	4hr	5hr	8hr	10hr	20hr
1.60V	34.6	22.6	16.8	11.0	5.82	3.33	2.43	1.95	1.66	1.09	0.89	0.48
1.65V	34.3	21.7	15.5	10.5	5.47	3.20	2.36	1.89	1.62	1.08	0.88	0.47
1.70V	28.1	20.3	14.4	10.2	5.29	3.14	2.32	1.79	1.61	1.06	0.86	0.46
1.75V	26.1	19.4	13.4	9.93	5.11	3.06	2.28	1.76	1.53	1.03	0.84	0.45
1.80V	24.0	18.2	12.5	9.60	4.93	2.98	2.16	1.73	1.47	1.01	0.82	0.43

Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

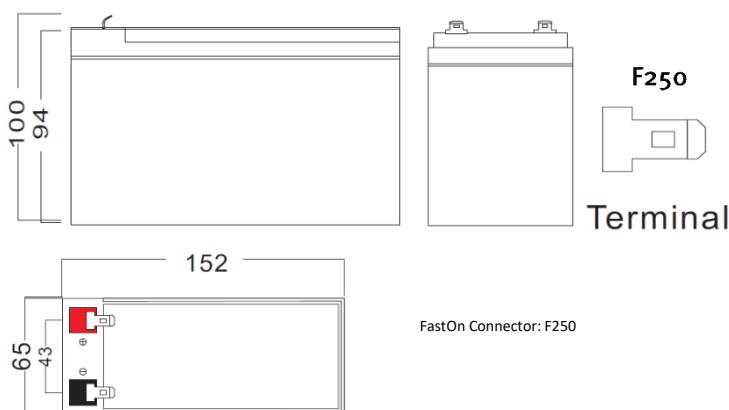
	5m	10m	15m	30m	1hr	2hr	3hr	4hr	5hr	8hr	10hr	20hr
1.60V	64.9	40.7	30.8	18.7	10.7	6.25	4.60	3.69	3.13	2.06	1.72	0.94
1.65V	59.8	38.6	29.0	18.5	10.0	6.01	4.47	3.57	3.07	2.03	1.69	0.92
1.67V	57.25	38	28.3	18.5	9.87	5.95	4.44	3.49	3.03	2.02	1.68	0.92
1.70V	54.7	37.4	27.6	18.5	9.73	5.89	4.40	3.40	2.98	2.01	1.67	0.91
1.75V	49.6	36.2	26.6	18.3	9.45	5.76	4.34	3.35	2.93	1.93	1.63	0.89
1.80V	44.5	35.1	25.5	18.1	9.32	5.72	4.22	3.32	2.85	1.87	1.60	0.89

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*Product may differ from image



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

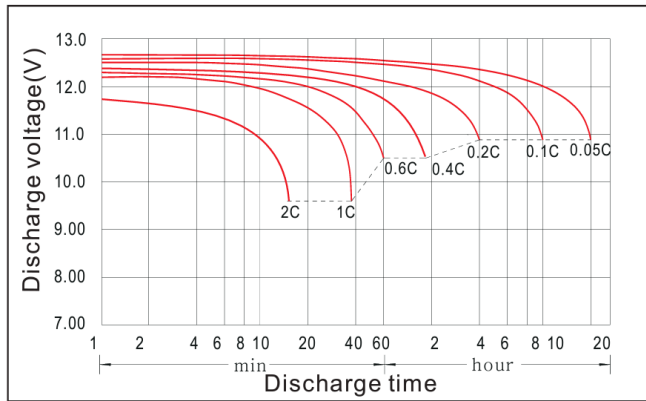
9Ah	20 Hour Rate (0.45A to 10.5V)
RATED CAPACITY	8.4Ah 10 Hour Rate (0.842A to 10.5V)
7.65Ah	5 Hour Rate (1.53A to 10.5V)



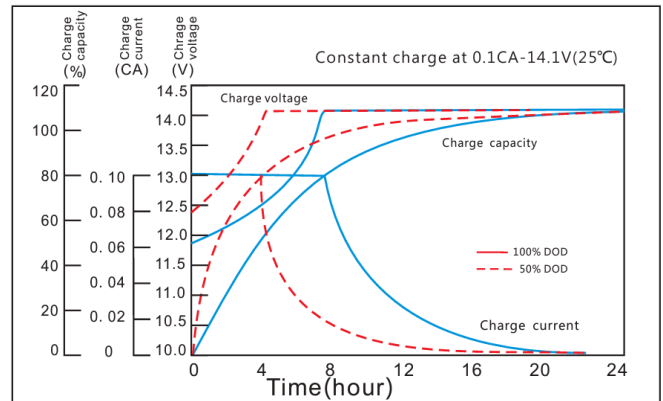
BPC POWERSTOR BATTERY RANGE

PSLWGEL 240 INDUSTRIAL VRLA SEALED LEAD BATTERY

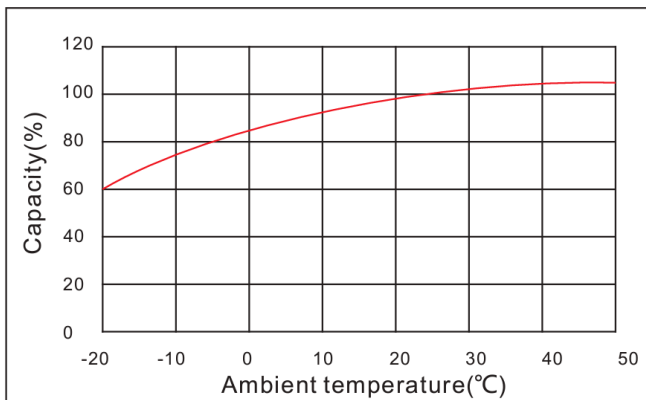
Discharge characteristic



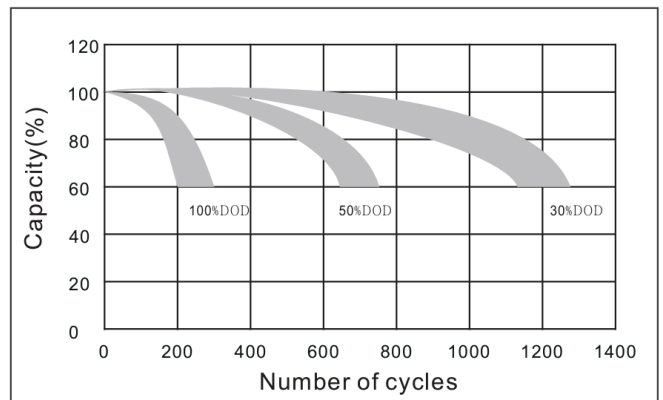
Charging characteristic



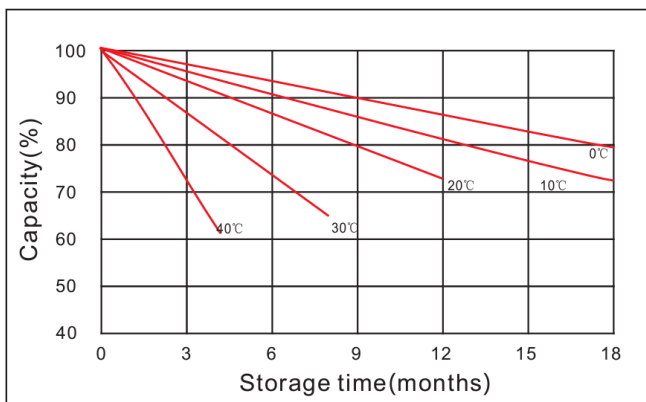
The effect of temperature on capacity



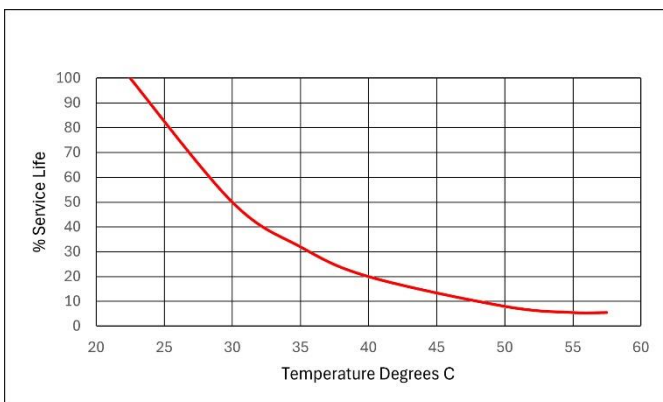
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 780 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	26.0Ah
DIMENSIONS	WIDTH 125
	DEPTH 165
	HEIGHT 175
WEIGHT	7.7kgs
INTERNAL RESISTANCE @ 25°C	15.0 mOhm
CHARGE	Max. 6.5A : Recom. 2.6A
MAX. DISCHARGE CURRENT	260A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5h	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	112.1	73.2	54.6	35.8	27.3	18.7	14.7	10.7	7.81	5.32	3.50	2.80	1.50
1.65V	111.0	70.2	50.0	33.9	25.7	17.5	13.9	10.3	7.58	5.20	3.45	2.77	1.47
1.70V	91.1	65.9	46.7	33.0	25.0	17.0	13.5	10.1	7.44	5.15	3.39	2.72	1.45
1.75V	84.5	62.8	43.5	32.2	24.3	16.4	13.1	9.81	7.32	4.92	3.31	2.65	1.41
1.80V	77.8	59.1	40.5	31.1	23.4	15.8	12.7	9.56	6.93	4.72	3.22	2.60	1.36

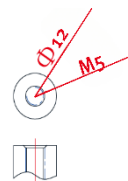
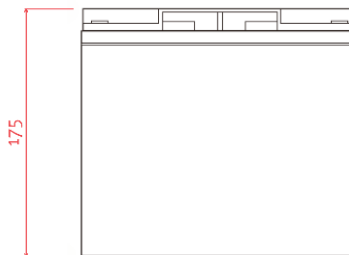
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	210.0	131.6	100.0	60.5	47.4	34.3	27.1	20.0	14.8	10.0	6.61	5.43	2.97
1.65V	193.6	125.1	93.8	60.1	46.1	32.2	25.7	19.3	14.4	9.86	6.52	5.32	2.89
1.67V	185.45	122.95	94.15	59.95	45.8	31.7	25.4	19.1	14.25	9.72	6.49	5.30	2.88
1.70V	177.3	120.8	89.5	59.8	45.5	31.2	25.1	18.9	14.1	9.57	6.45	5.28	2.86
1.75V	161.0	117.5	86.3	59.2	44.8	30.4	24.4	18.5	13.9	9.38	6.19	5.16	2.81
1.80V	144.7	113.1	82.5	58.7	44.3	29.9	24.2	18.4	13.5	9.15	5.98	5.06	2.78

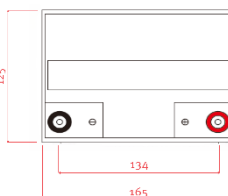
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Terminal Dimensions



Recommended Torque Setting: 3.9 – 5.4Nm

Recommended Distance Between Batteries: 10mm

Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	28.2Ah	20 Hour Rate (1.41A to 10.5V)
RATED CAPACITY	26.5Ah	10 Hour Rate (2.65A to 10.5V)
	24.6Ah	5 Hour Rate (4.92A to 10.5V)



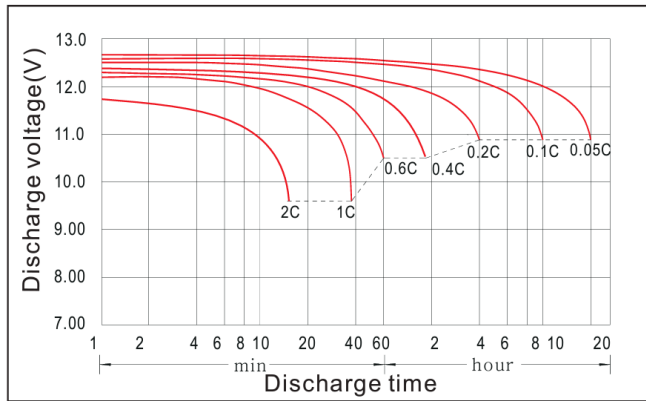
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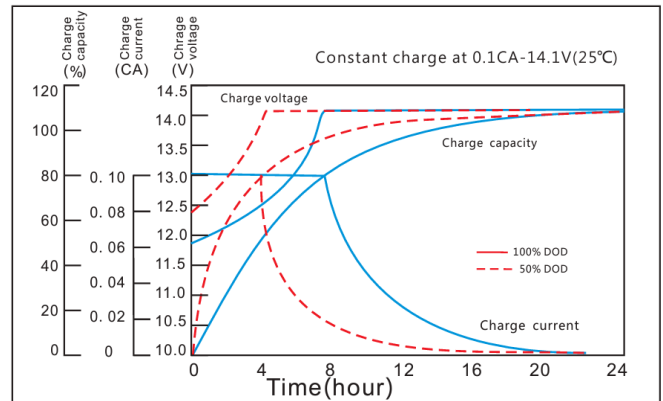
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PSLW 780 INDUSTRIAL VRLA SEALED LEAD BATTERY

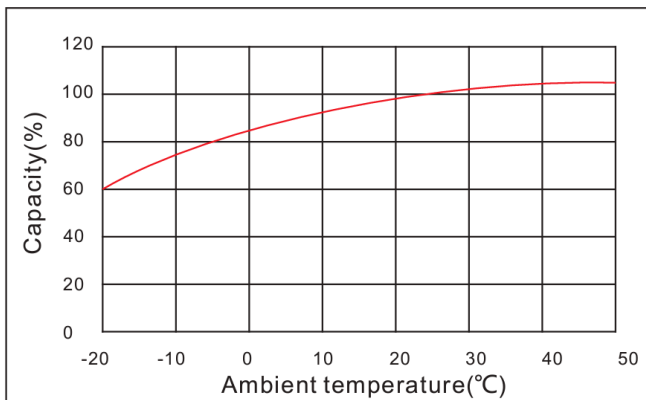
Discharge characteristic



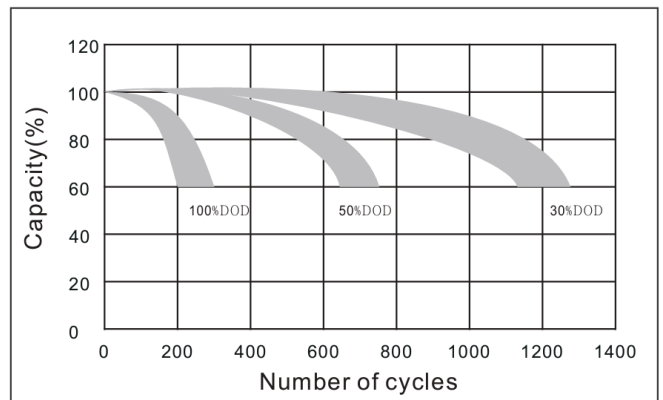
Charging characteristic



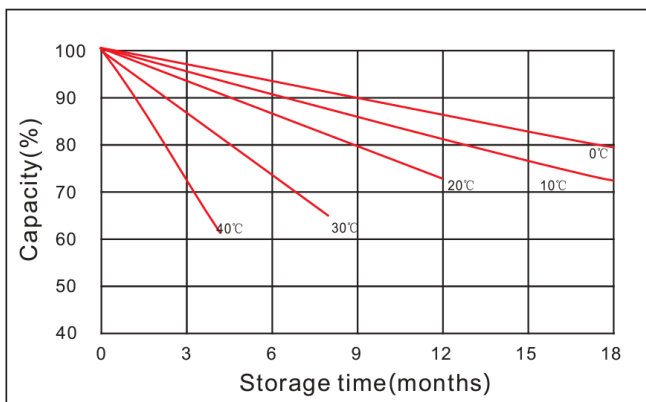
The effect of temperature on capacity



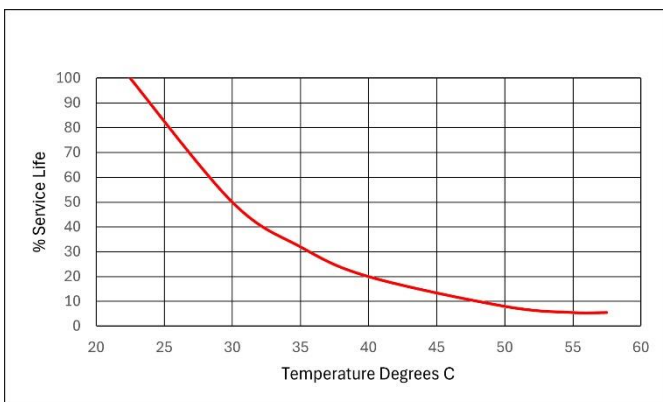
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 900 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	33Ah
DIMENSIONS	WIDTH 165mm
	DEPTH 197mm
	HEIGHT 172mm
WEIGHT	10.0kgs
INTERNAL RESISTANCE @ 25°C	13.0 mOhm
CHARGE	Max. 8.25A ; Recom. 3.3A
MAX. DISCHARGE CURRENT	396A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	116	89.3	62.5	38.0	30.1	22.2	17.5	12.7	9.25	6.21	4.08	3.43	1.80
1.65V	113	86.8	60.6	37.4	29.8	22.1	17.4	12.7	9.15	6.14	4.04	3.43	1.79
1.70V	108	83.7	59.3	36.7	29.3	21.9	17.3	12.6	9.02	6.08	4.01	3.37	1.78
1.75V	100	78.7	57.3	36.4	29.0	21.6	17.0	12.4	8.93	6.02	3.98	3.33	1.78
1.80V	89.2	71.4	53.5	34.8	28.0	21.1	16.7	12.2	8.86	5.85	3.95	3.30	1.77

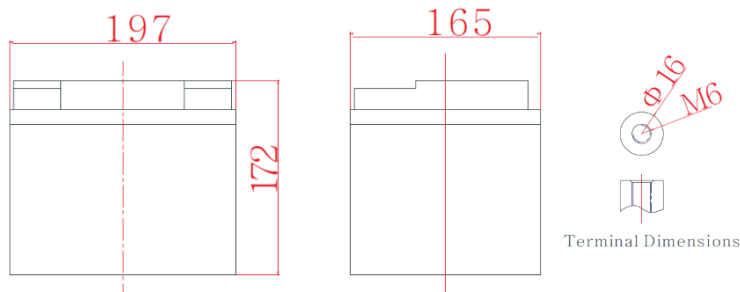
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	195	153	110	68.8	55.4	42.0	33.1	24.1	17.6	11.8	7.92	6.60	3.56
1.65V	188	148	108	68.1	54.9	41.7	32.9	24.0	17.4	11.7	7.86	6.53	3.55
1.67V	191.5	150.05	109	68.45	55.15	41.85	33	24.05	17.5	11.75	7.89	6.57	3.56
1.70V	187	147	107	68.1	54.8	41.4	32.7	23.9	17.3	11.6	7.82	6.47	3.53
1.75V	174	140	106	67.8	54.4	41.0	32.4	23.8	17.2	11.5	7.79	6.40	3.51
1.80V	160	130	100	66.2	53.5	40.7	32.2	23.7	17.1	11.4	7.69	6.34	3.50

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*Product may differ from image



Recommended Torque Setting: 3.9 – 5.4Nm

Recommended Distance Between Batteries: 10mm

Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	35.6Ah	20 Hour Rate (1.78A to 10.5V)
RATED CAPACITY	33.3Ah	10 Hour Rate (3.33A to 10.5V)
	30.1Ah	5 Hour Rate (6.02A to 10.5V)

12V 33Ah AGM 10 years Design Life

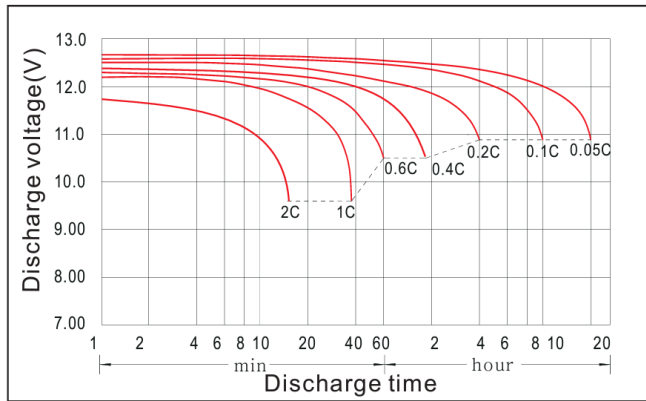
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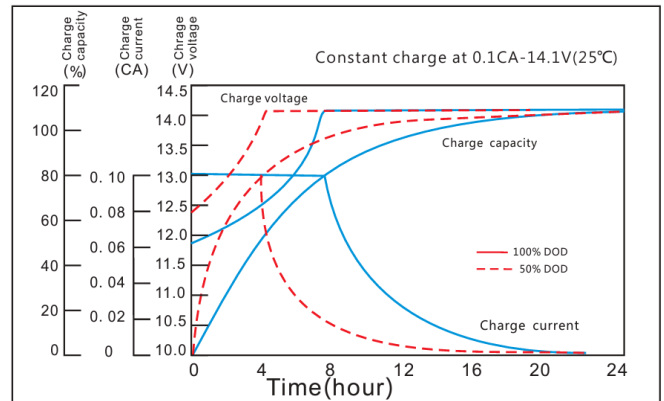
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PSLW 900 INDUSTRIAL VRLA SEALED LEAD BATTERY

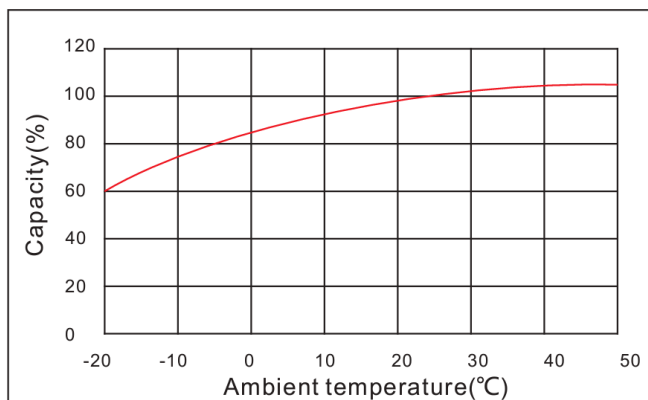
Discharge characteristic



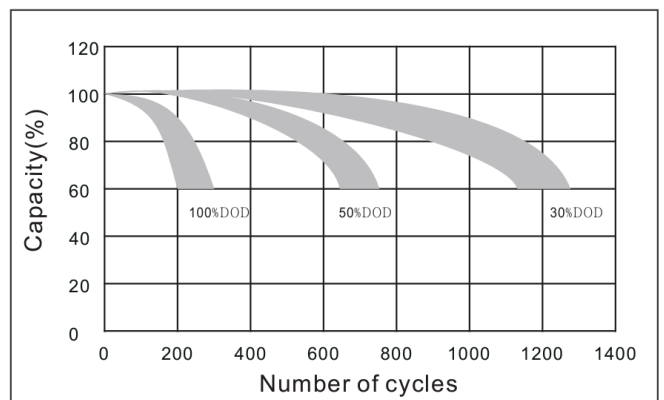
Charging characteristic



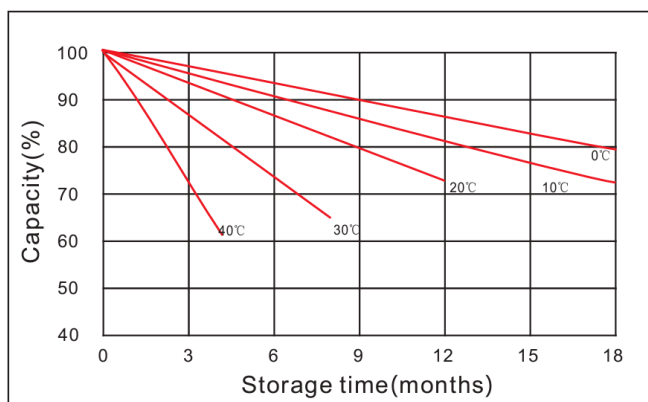
The effect of temperature on capacity



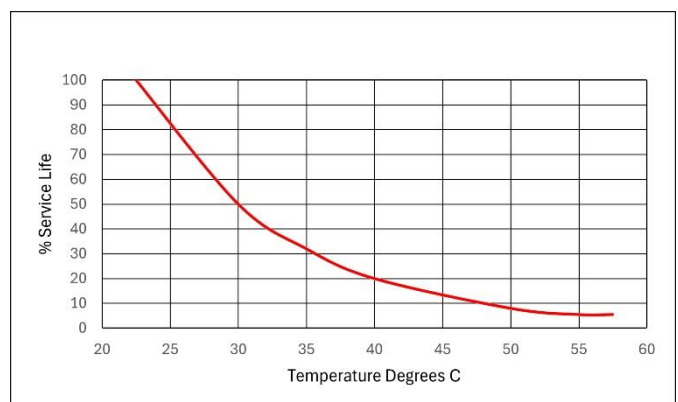
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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PSLW 1100 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	40Ah
DIMENSIONS	WIDTH 165mm
	DEPTH 197mm
	HEIGHT 172mm
WEIGHT	13.2kgs
INTERNAL RESISTANCE @ 25°C	12.2 mOhm
CHARGE	Max. 10A ; Recom. 4.0A
MAX. DISCHARGE CURRENT	480A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	141	108	75.7	46.1	36.5	26.9	21.2	15.4	11.2	7.53	4.94	4.16	2.18
1.65V	137	105	73.4	45.3	36.1	26.8	21.1	15.4	11.1	7.45	4.90	4.12	2.17
1.70V	131	102	71.9	44.5	35.6	26.6	20.9	15.2	10.9	7.37	4.86	4.08	2.16
1.75V	121	95.3	69.5	44.1	35.2	26.2	20.6	15.0	10.8	7.29	4.82	4.04	2.15
1.80V	108	86.4	64.8	42.2	33.9	25.5	20.1	14.7	10.7	7.10	4.78	4.00	2.14

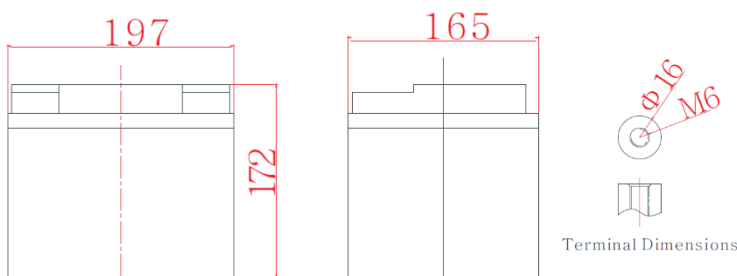
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	236	185	133	83.3	67.1	50.9	40.1	29.2	21.3	14.3	9.60	8.00	4.32
1.65V	227	179	131	82.6	66.6	50.5	39.8	29.1	21.1	14.2	9.52	7.92	4.30
1.67V	226.5	178.5	130	82.6	66.5	50.3	39.7	29.05	21.0	14.15	9.50	7.88	4.29
1.70V	226	178	129	82.6	66.4	50.1	39.6	29.0	20.9	14.1	9.48	7.84	4.28
1.75V	211	170	129	82.2	66.0	49.7	39.3	28.9	20.8	14.0	9.41	7.76	4.26
1.80V	194	158	122	80.2	64.8	49.4	39.1	28.8	20.7	13.8	9.33	7.68	4.24

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*Product may differ from image



Recommended Torque Setting: 3.9 – 5.4Nm

Recommended Distance Between Batteries: 10mm

Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	43Ah	20 Hour Rate (2.15A to 10.5V)
RATED CAPACITY	40.4Ah	10 Hour Rate (4.04A to 10.5V)
	36.45Ah	5 Hour Rate (7.29A to 10.5V)



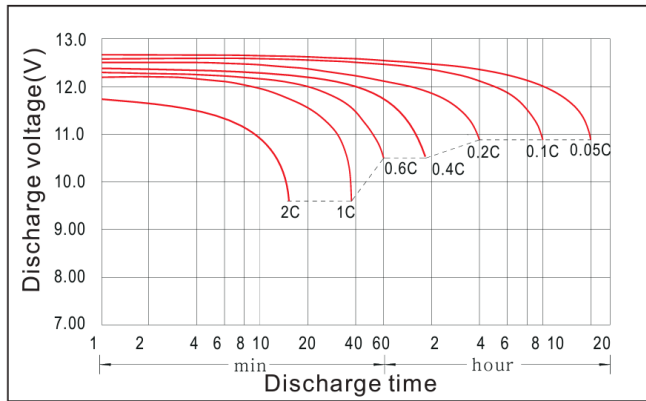
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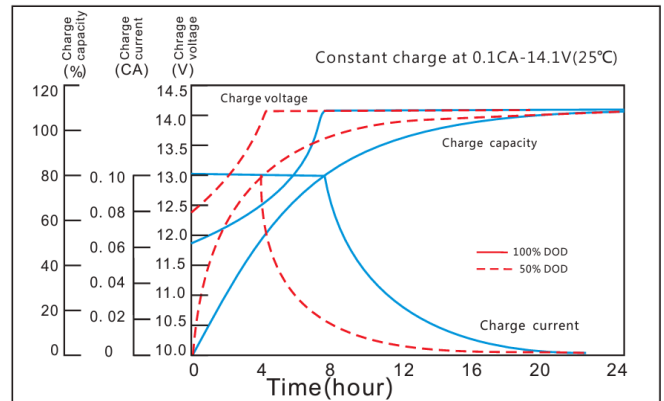
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PSLW 1100 INDUSTRIAL VRLA SEALED LEAD BATTERY

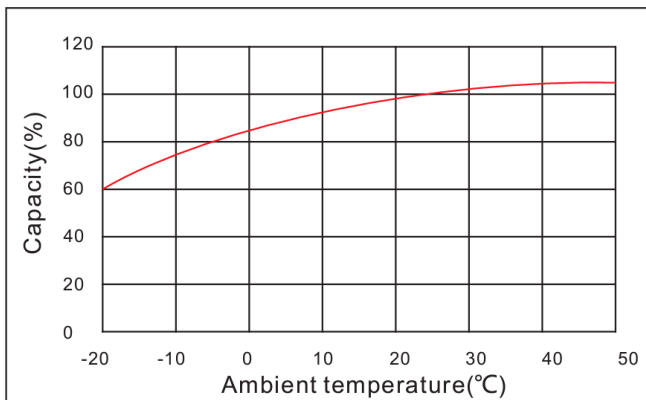
Discharge characteristic



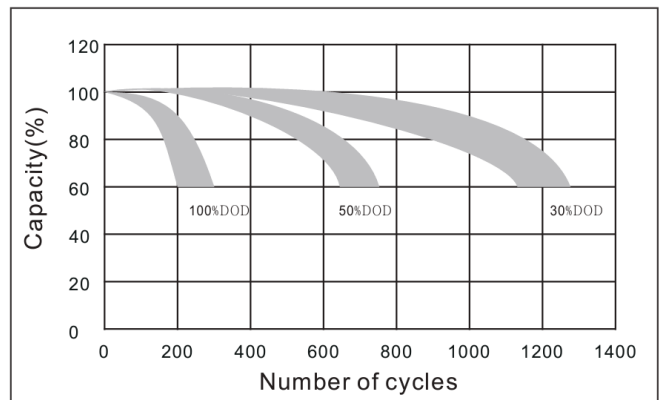
Charging characteristic



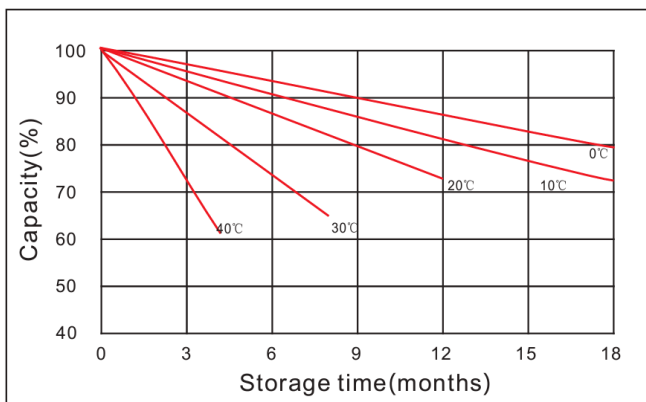
The effect of temperature on capacity



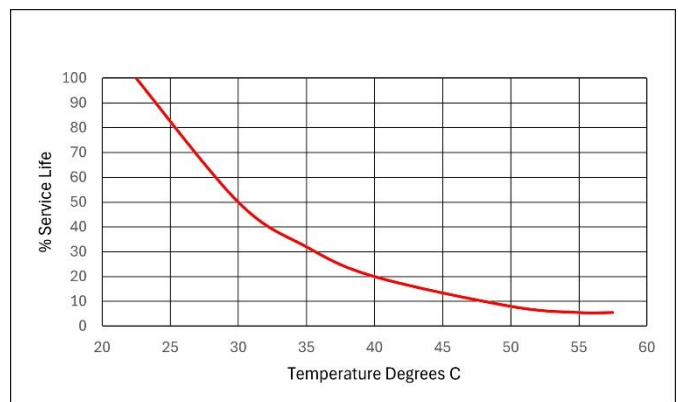
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 1500 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	55Ah
DIMENSIONS	WIDTH 138mm
	DEPTH 230mm
	HEIGHT 212mm
WEIGHT	16.5kgs
INTERNAL RESISTANCE @ 25°C	8.6 mOhm
CHARGE	Max. 13.8A ; Recom. 5.5A
MAX. DISCHARGE CURRENT	660A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	194	149	104	63.3	50.2	37.0	29.1	21.2	15.4	10.3	6.79	5.72	3.00
1.65V	188	145	101	62.3	49.6	36.8	29.0	21.1	15.3	10.2	6.74	5.67	2.99
1.70V	180	139	98.8	61.2	48.9	36.5	28.8	21.0	15.0	10.1	6.68	5.61	2.97
1.75V	166	131	95.6	60.6	48.3	36.0	28.3	20.6	14.9	10.0	6.63	5.56	2.96
1.80V	149	119	89.1	58.0	46.6	35.1	27.7	20.3	14.8	9.76	6.58	5.50	2.94

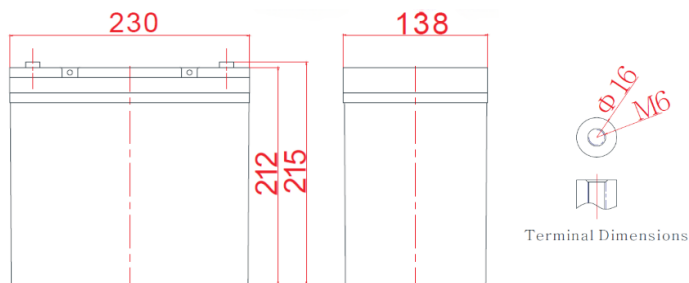
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	325	254	183	115	92.5	70.0	55.1	40.2	29.3	19.6	13.2	11.0	5.94
1.65V	313	247	180	114	91.8	69.5	54.8	40.0	28.9	19.5	13.1	10.9	5.91
1.67V	312	246	179	114	91.65	69.2	54.6	39.95	28.85	19.45	13.05	10.85	5.9
1.70V	311	245	178	114	91.5	68.9	54.4	39.9	28.8	19.4	13.0	10.8	5.89
1.75V	290	234	177	113	90.7	68.4	54.1	39.7	28.6	19.2	12.9	10.7	5.86
1.80V	266	217	167	110	89.0	67.9	53.8	39.6	28.5	19.0	12.8	10.6	5.83

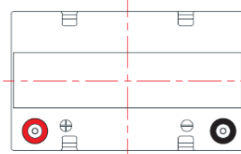
*Product specifications are subject to change without further notice. Please contact the Manufacturer to obtain the latest information.



*Product may differ from image



Terminal Dimensions



Recommended Torque Setting: 3.9 – 5.4Nm

Recommended Distance Between Batteries: 10mm

Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	59.2Ah	20 Hour Rate (2.96A to 10.5V)
RATED CAPACITY	55.6Ah	10 Hour Rate (5.56A to 10.5V)
	50Ah	5 Hour Rate (10.0A to 10.5V)



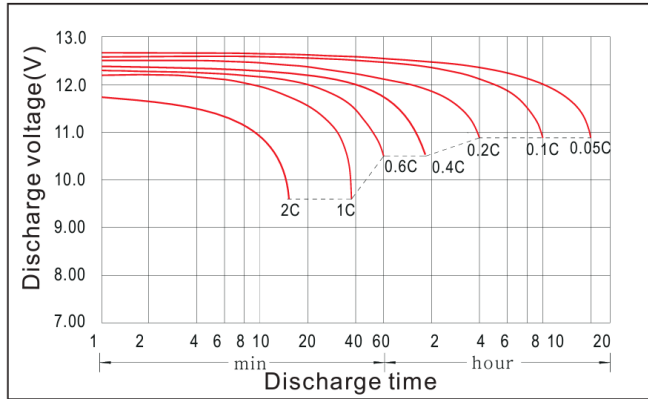
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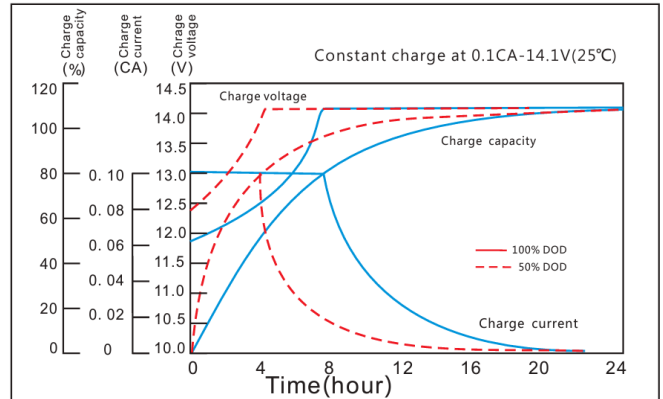
BPC POWERSTOR BATTERY RANGE

PSLW 1500 INDUSTRIAL VRLA SEALED LEAD BATTERY

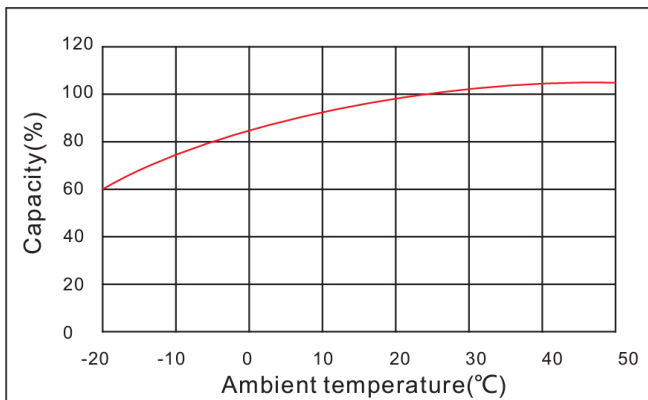
Discharge characteristic



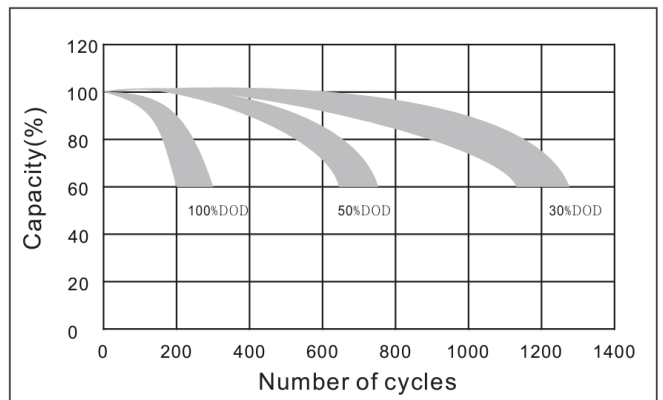
Charging characteristic



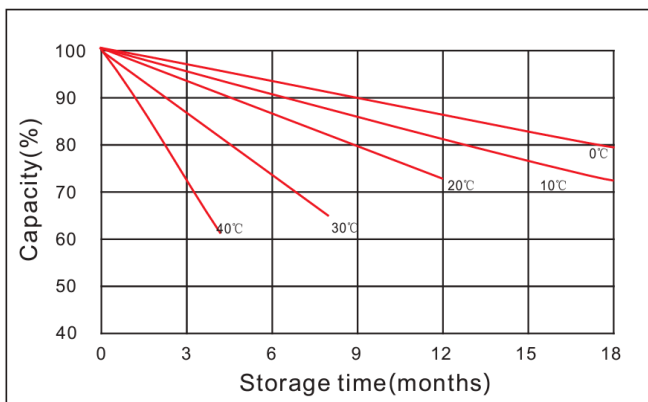
The effect of temperature on capacity



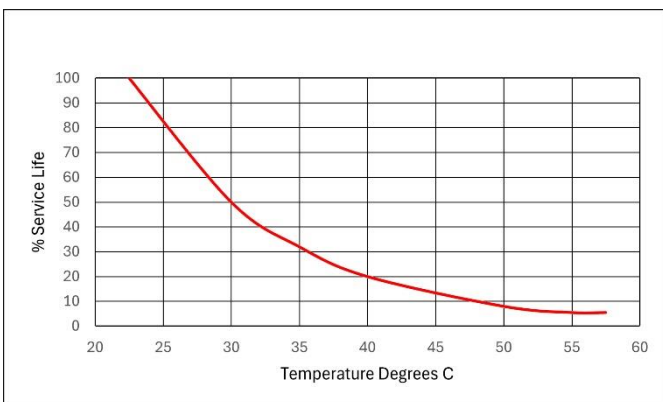
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 1550 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	65Ah
DIMENSIONS	WIDTH 166mm
	DEPTH 350mm
	HEIGHT 175mm
WEIGHT	19.2kgs
INTERNAL RESISTANCE @ 25°C	7.5 mOhm
CHARGE	Max. 16.3A ; Recom. 6.5A
MAX. DISCHARGE CURRENT	780A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5h	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	229	152	123	74.8	53.7	43.8	27.5	25.1	18.2	12.2	8.03	6.76	3.55
1.65V	222	151	119	73.6	53.4	43.5	27.2	25.0	18.0	12.1	7.96	6.70	3.53
1.70V	213	150	117	72.3	53.0	43.2	27.0	24.8	17.8	12.0	7.90	6.63	3.51
1.75V	196	148	113	71.7	52.3	42.6	26.7	24.4	17.6	11.8	7.83	6.57	3.50
1.80V	176	144	105	68.5	50.9	41.5	26.4	24.0	17.5	11.5	7.77	6.50	3.48

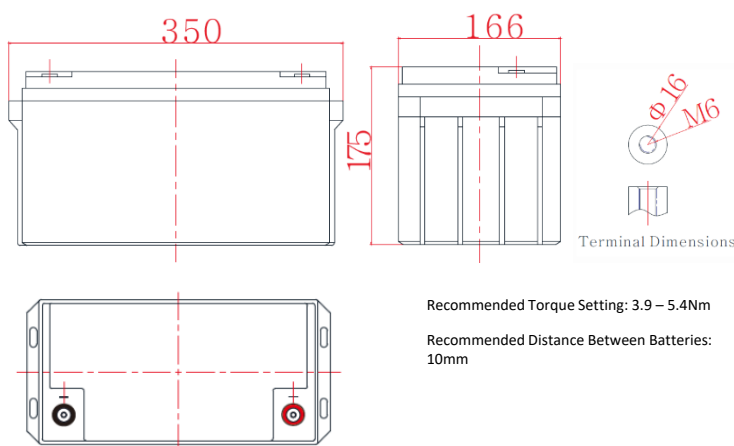
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	384	258	217	135	99.2	82.7	54.9	47.5	34.7	23.2	15.6	13.0	7.02
1.65V	369	256	213	134	98.5	82.1	54.4	47.3	34.2	23.1	15.5	12.9	6.99
1.67V	368	255	211.5	134	98.15	81.8	54.0	47.2	34.1	23.0	15.45	12.8	6.98
1.70V	367	254	210	134	97.8	81.5	53.6	47.1	34.0	22.9	15.4	12.7	6.96
1.75V	343	252	209	134	97.0	80.8	53.2	46.9	33.8	22.7	15.3	12.6	6.92
1.80V	315	250	198	130	96.2	80.2	52.8	46.8	33.7	22.5	15.2	12.5	6.89

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*Product may differ from image



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	70Ah	20 Hour Rate (3.5A to 10.5V)
RATED CAPACITY	65.7Ah	10 Hour Rate (6.57A to 10.5V)
	59Ah	5 Hour Rate (11.8A to 10.5V)



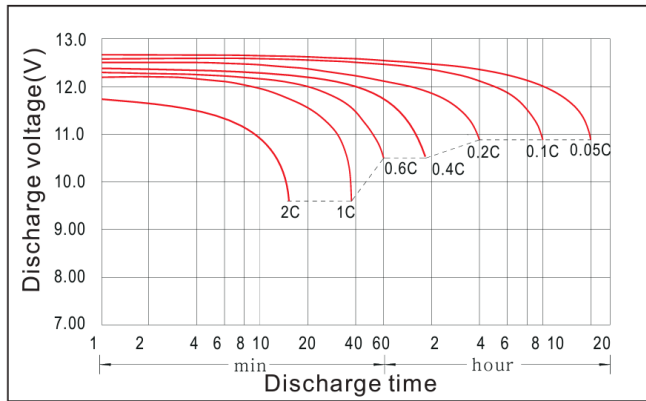
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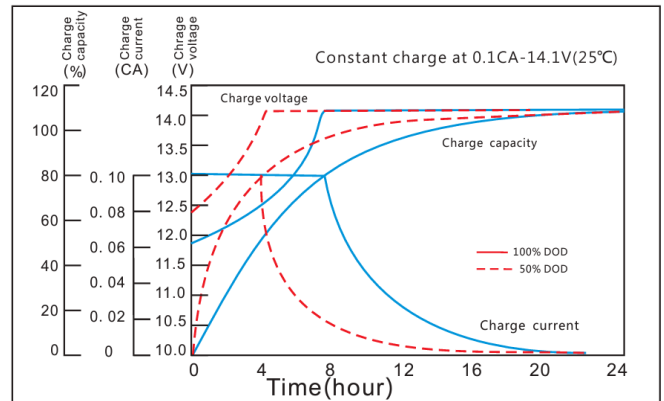
BPC POWERSTOR BATTERY RANGE

PSLW 1550 INDUSTRIAL VRLA SEALED LEAD BATTERY

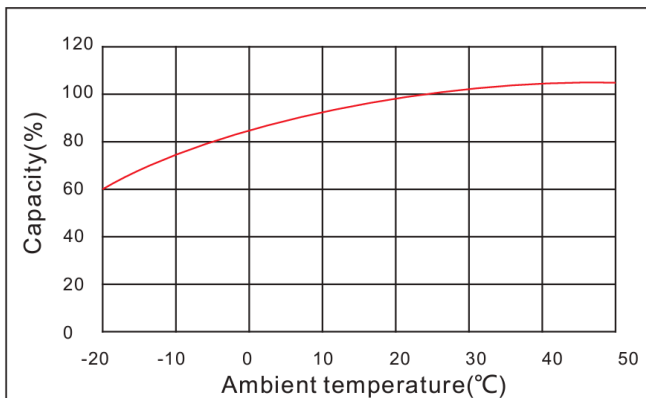
Discharge characteristic



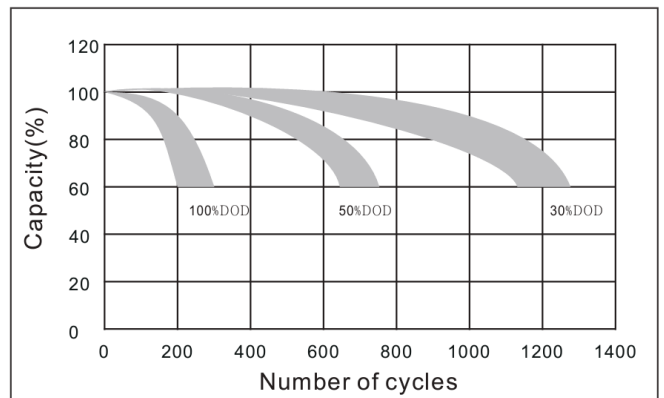
Charging characteristic



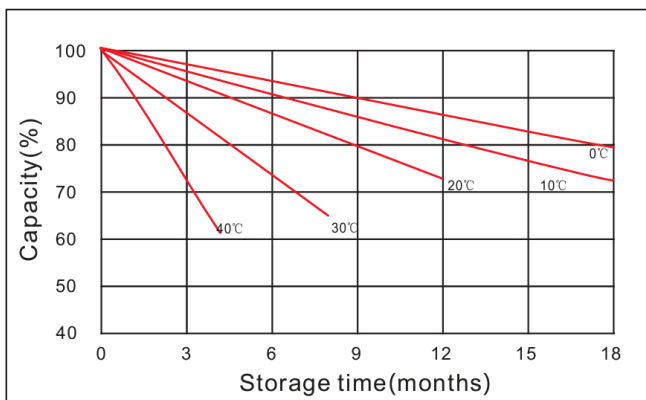
The effect of temperature on capacity



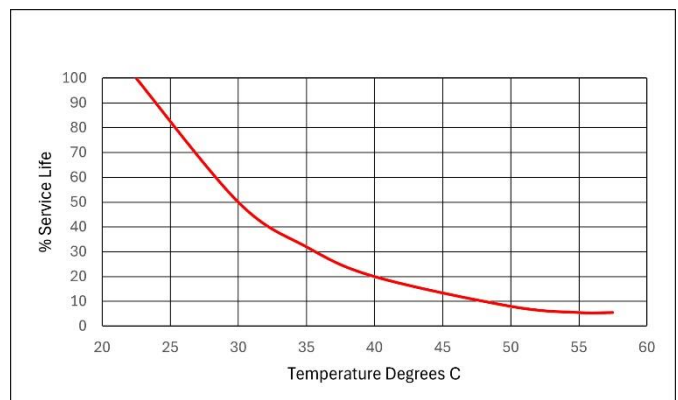
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 1900 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	85Ah
DIMENSIONS	WIDTH 169mm
	DEPTH 258mm
	HEIGHT 211mm
WEIGHT	26.0kgs
INTERNAL RESISTANCE @ 25°C	6.3 mOhm
CHARGE	Max. 21.3A ; Recom. 8.5A
MAX. DISCHARGE CURRENT	1020A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5h	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	282	188	151	92.1	66.1	53.9	35.7	30.9	22.4	15.1	9.88	8.78	4.47
1.65V	273	186	147	90.6	65.6	53.5	35.3	30.7	22.2	14.9	9.80	8.68	4.44
1.70V	262	185	144	89.0	65.3	53.2	34.5	30.5	21.9	14.7	9.72	8.56	4.42
1.75V	241	182	139	88.2	64.3	52.4	34.8	30.0	21.6	14.6	9.64	8.55	4.40
1.80V	216	177	130	84.4	62.6	51.0	34.6	29.5	21.5	14.2	9.56	8.50	4.38

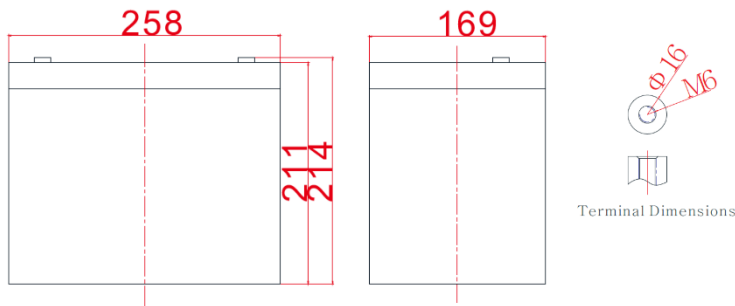
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	473	318	267	167	122	102	67.5	58.4	42.6	28.5	19.2	16.0	8.64
1.65V	455	315	262	165	121	101	66.7	58.3	42.1	28.4	19.0	15.8	8.60
1.67V	453.5	313.5	260.5	165	120.5	100.5	66.5	58.15	42	28.25	19.0	15.75	8.58
1.70V	452	312	259	165	120	100	66.3	58.0	41.9	28.1	19.0	15.7	8.56
1.75V	422	310	257	164	119	99.5	65.4	57.7	41.6	28.0	18.8	15.5	8.52
1.80V	387	308	243	160	118	98.7	65.0	57.5	41.5	27.7	18.7	15.4	8.48

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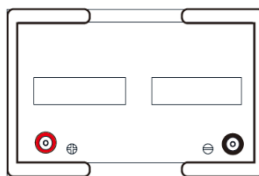


*Product may differ from image



Recommended Torque Setting: 3.9 – 5.4Nm

Recommended Distance Between Batteries: 10mm



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	88Ah	20 Hour Rate (4.4A to 10.5V)
RATED CAPACITY	85Ah	10 Hour Rate (8.55A to 10.5V)
	73Ah	5 Hour Rate (14.6A to 10.5V)



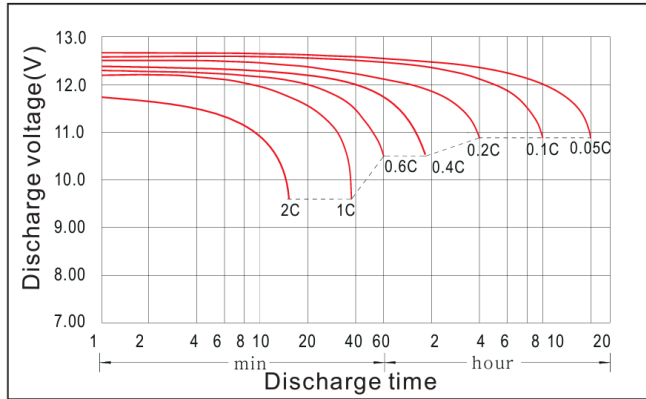
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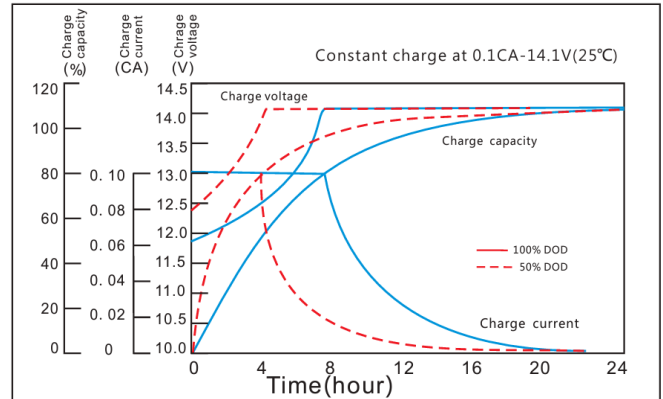
BPC POWERSTOR BATTERY RANGE

PSLW 1900 INDUSTRIAL VRLA SEALED LEAD BATTERY

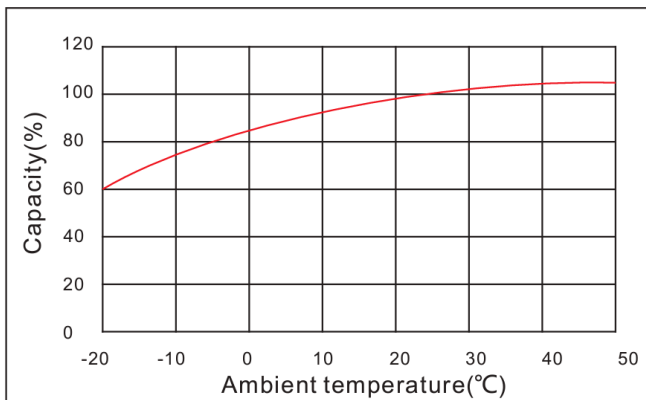
Discharge characteristic



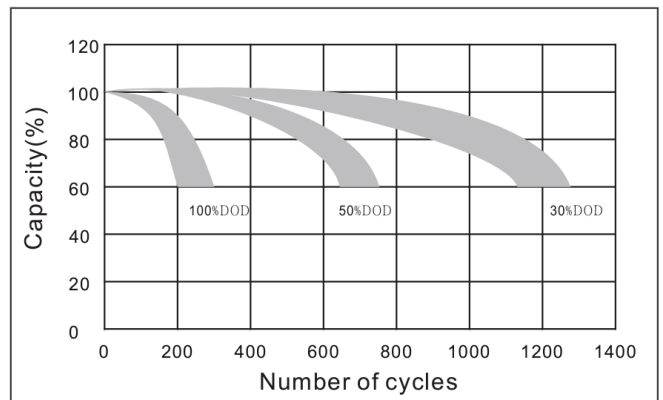
Charging characteristic



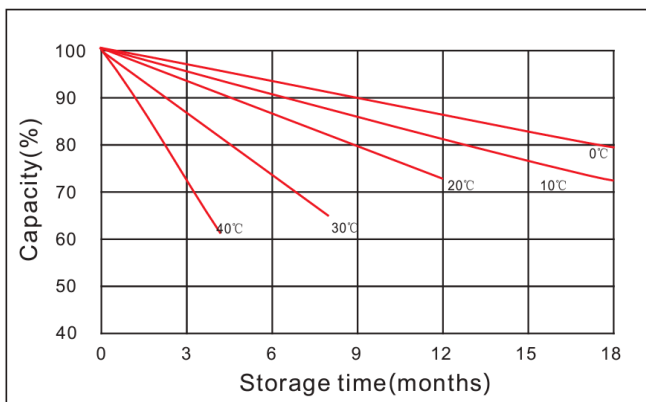
The effect of temperature on capacity



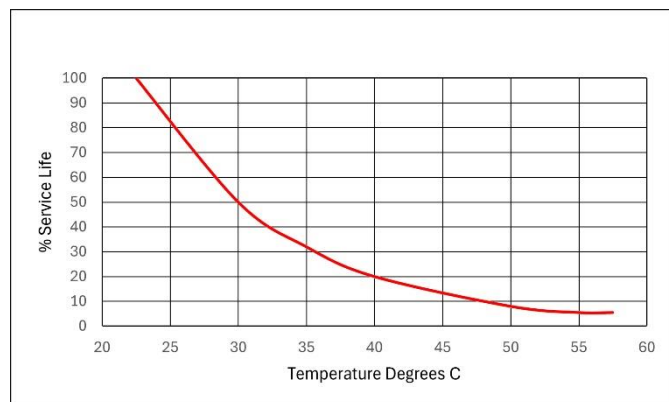
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 2250 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	95Ah
DIMENSIONS	WIDTH 168mm
	DEPTH 307mm
	HEIGHT 211mm
WEIGHT	28.0kgs
INTERNAL RESISTANCE @ 25°C	5.2 mOhm
CHARGE	Max. 23.8A ; Recom. 9.5A
MAX. DISCHARGE CURRENT	1080A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5h	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	335	223	179	110	78.5	64.0	40.2	36.7	26.6	17.8	11.7	9.88	5.18
1.65V	324	221	174	108	78.0	63.5	39.8	36.5	26.4	17.7	11.6	9.79	5.16
1.70V	311	220	171	106	77.4	63.1	39.4	36.2	26.0	17.5	11.5	9.69	5.13
1.75V	286	216	165	105	76.3	62.2	39.0	35.7	25.7	17.3	11.4	9.60	5.11
1.80V	257	211	154	100	74.3	60.6	38.6	35.0	25.5	16.9	11.2	9.50	5.09

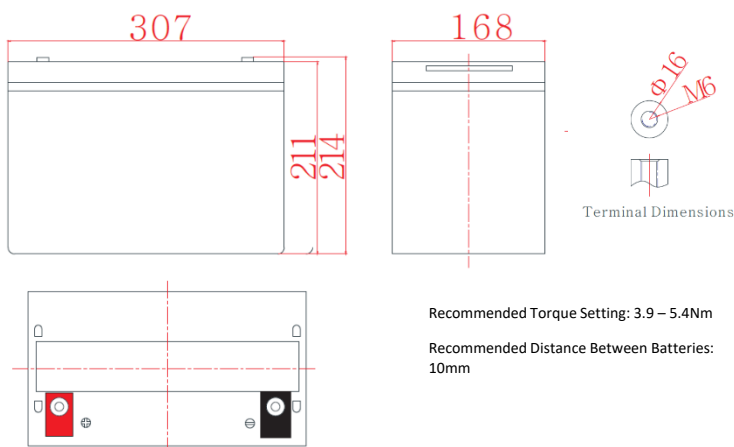
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	562	379	317	198	146	121	80.2	69.4	50.7	33.9	22.8	19.0	10.3
1.65V	539	375	311	196	144	120	79.3	69.1	50.0	33.7	22.6	18.8	10.2
1.67V	538	373.5	309	195	143.5	119.5	78.85	69.0	49.85	33.6	22.55	18.7	10.2
1.70V	537	372	307	194	143	119	78.4	68.9	49.7	33.5	22.5	18.6	10.2
1.75V	500	369	306	193	142	118	78.0	68.5	49.4	33.3	22.4	18.5	10.1
1.80V	460	366	289	190	141	117	77.1	68.3	49.3	32.8	22.2	18.3	10.1

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*Product may differ from image



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	102.2Ah	20 Hour Rate (5.11A to 10.5V)
RATED CAPACITY	96Ah	10 Hour Rate (9.60A to 10.5V)
	86.5Ah	5 Hour Rate (17.3A to 10.5V)



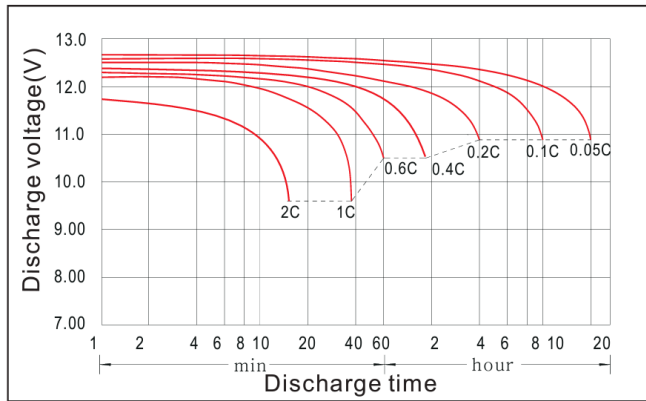
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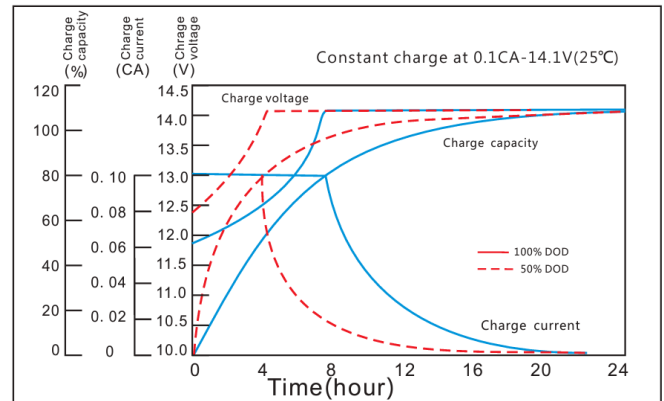
BPC POWERSTOR BATTERY RANGE

PSLW 2250 INDUSTRIAL VRLA SEALED LEAD BATTERY

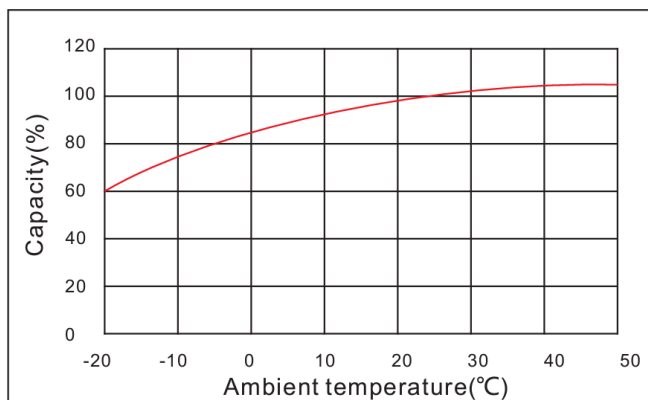
Discharge characteristic



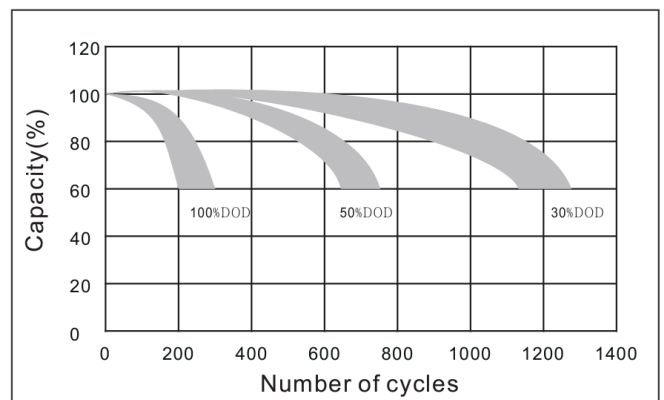
Charging characteristic



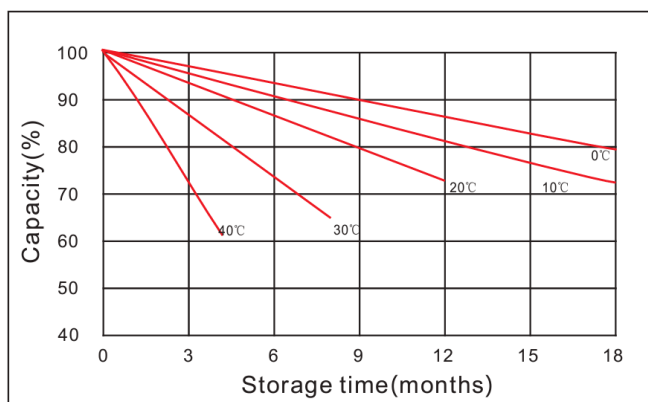
The effect of temperature on capacity



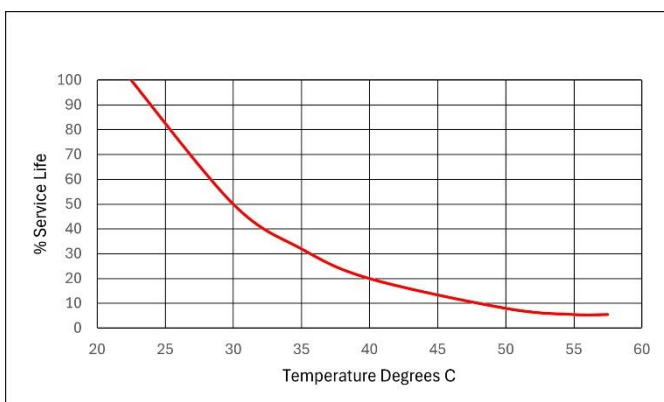
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 2400 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	100Ah
DIMENSIONS	WIDTH 171mm
	DEPTH 330mm
	HEIGHT 216mm
WEIGHT	28kgs
INTERNAL RESISTANCE @ 25°C	5 mOhm
CHARGE	Max. 25A ; Recom. 10A
MAX. DISCHARGE CURRENT	1200A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	15m	30m	1hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	352	189	115	67.3	38.6	28.0	18.8	12.4	10.4	5.46
1.65V	342	184	113	66.9	38.4	27.7	18.6	12.3	10.3	5.43
1.70V	328	180	111	66.4	38.1	27.3	18.4	12.2	10.2	5.40
1.75V	302	174	110	65.5	37.5	27.0	18.2	12.1	10.1	5.38
1.80V	270	162	105	63.8	36.8	26.9	17.7	12.0	10.0	5.35

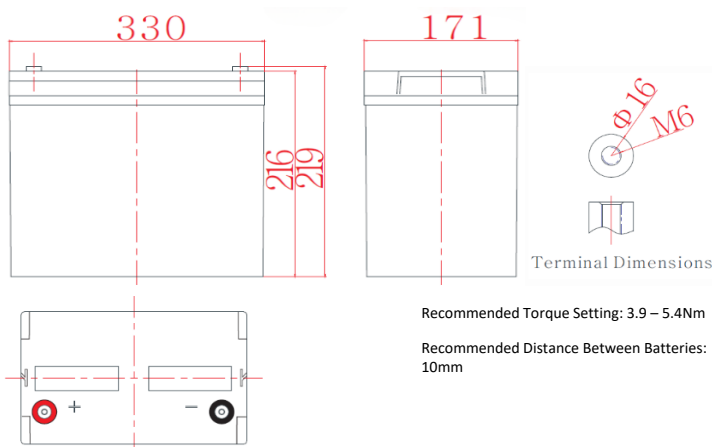
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	15m	30m	1hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	591	333	208	127	73.0	53.3	35.7	24.0	20.0	10.8
1.65V	568	328	206	126	72.8	52.6	35.5	23.8	19.8	10.8
1.67V	566.5	326	206	125.5	72.65	52.45	35.35	23.75	19.7	10.8
1.70V	565	324	206	125	72.5	52.3	35.2	23.7	19.6	10.7
1.75V	527	322	205	124	72.1	52.0	35.0	23.5	19.4	10.7
1.80V	484	304	201	123	71.9	51.8	34.6	23.3	19.2	10.6

*Product specifications are subject to change without further notice. Please contact the Manufacturer to obtain the latest information.



*Product may differ from image



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	107.6Ah	20 Hour Rate (5.38A to 10.5V)
RATED CAPACITY	101Ah	10 Hour Rate (10.1A to 10.5V)
	91Ah	5 Hour Rate (18.2A to 10.5V)



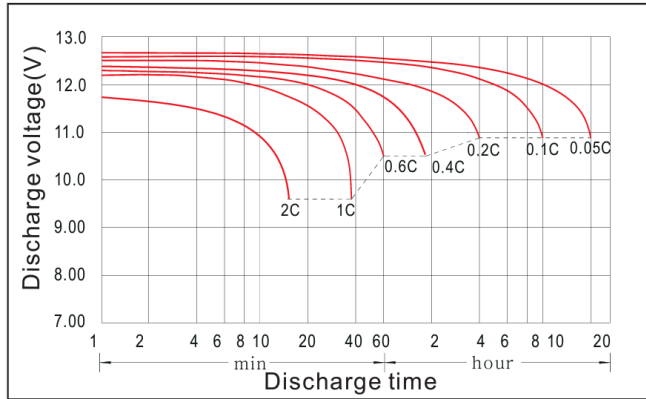
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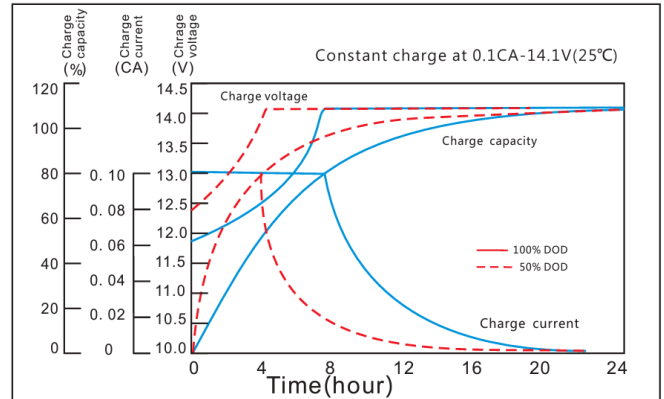
BPC POWERSTOR BATTERY RANGE

PSLW 2400 INDUSTRIAL VRLA SEALED LEAD BATTERY

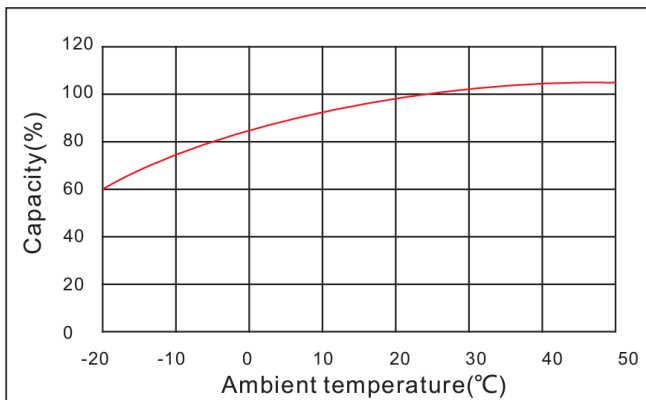
Discharge characteristic



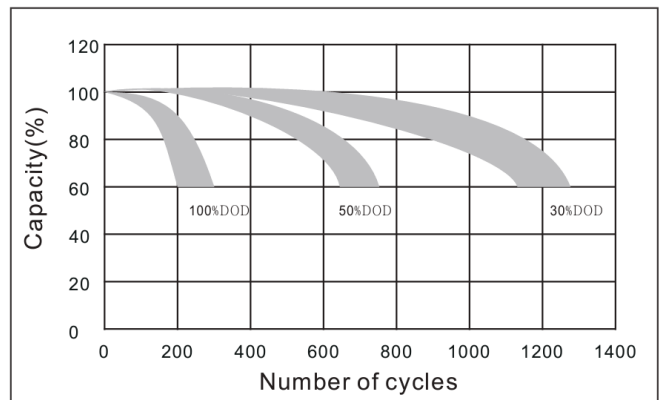
Charging characteristic



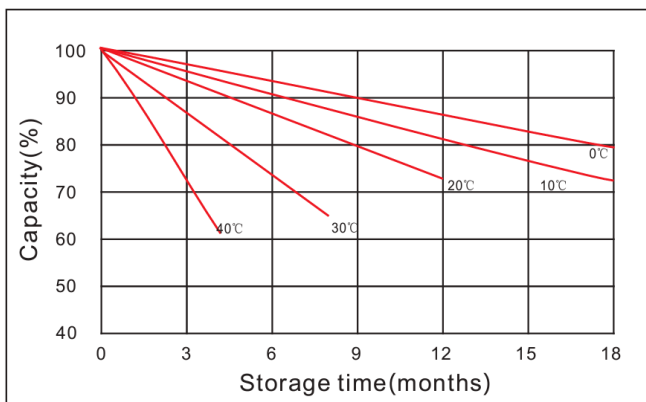
The effect of temperature on capacity



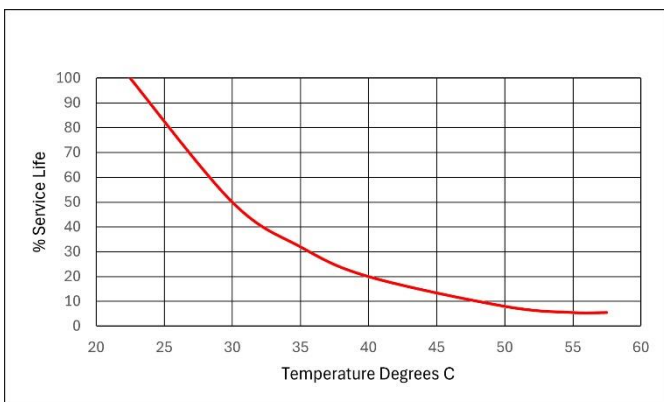
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 2650 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	110Ah
DIMENSIONS	WIDTH 171mm
	DEPTH 330mm
	HEIGHT 216mm
WEIGHT	32kgs
INTERNAL RESISTANCE @ 25°C	5 mOhm
CHARGE	Max. 27.5A ; Recom. 11A
MAX. DISCHARGE CURRENT	1200A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	381	253	204	124	89.2	72.7	47.9	41.7	30.3	20.3	13.3	11.4	6.09
1.65V	369	252	198	122	88.7	72.3	47.5	41.5	30.0	20.1	13.2	11.3	6.05
1.70V	354	250	194	120	88.1	71.8	47.0	41.2	29.5	19.9	13.1	11.2	6.02
1.75V	326	246	188	119	86.7	70.7	46.6	40.5	29.2	19.7	13.0	11.1	6.00
1.80V	292	240	175	114	84.5	68.9	46.2	39.8	29.0	19.2	12.9	11.0	5.97

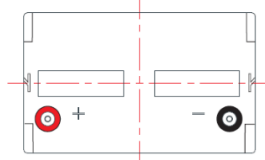
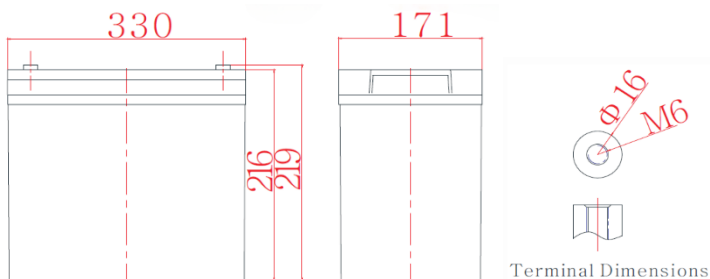
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	638	446	390	233	172	143	94.5	81.8	59.7	40.0	26.9	22.4	12.1
1.65V	614	440	383	231	169	141	93.7	81.6	58.9	39.7	26.7	22.2	12.0
1.67V	612	438.5	381	231	168.5	140.5	93.25	81.4	58.75	39.55	26.65	22.1	12.0
1.70V	610	437	379	231	168	140	92.8	81.2	58.6	39.4	26.6	22.0	12.0
1.75V	569	434	376	231	167	139	91.6	80.8	58.3	39.2	26.3	21.7	11.9
1.80V	523	431	356	225	166	138	90.7	80.6	58.1	38.7	26.1	21.5	11.9

*Product specifications are subject to change without further notice. Please contact the Manufacturer to obtain the latest information.



*Product may differ from image



Recommended Torque Setting: 3.9 – 5.4Nm

Recommended Distance Between Batteries: 10mm

Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

120Ah	20 Hour Rate (6A to 10.5V)
RATED CAPACITY	111Ah 10 Hour Rate (11.1A to 10.5V)
98.5Ah	5 Hour Rate (19.7A to 10.5V)



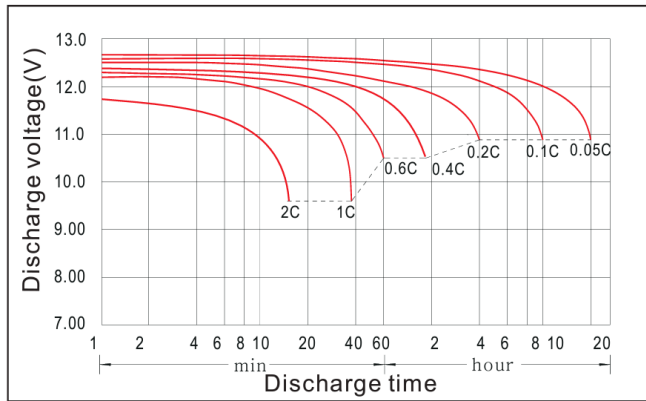
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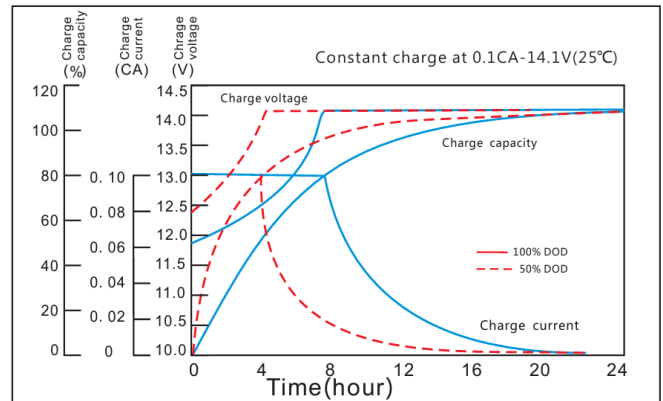
BPC POWERSTOR BATTERY RANGE

PSLW 2650 INDUSTRIAL VRLA SEALED LEAD BATTERY

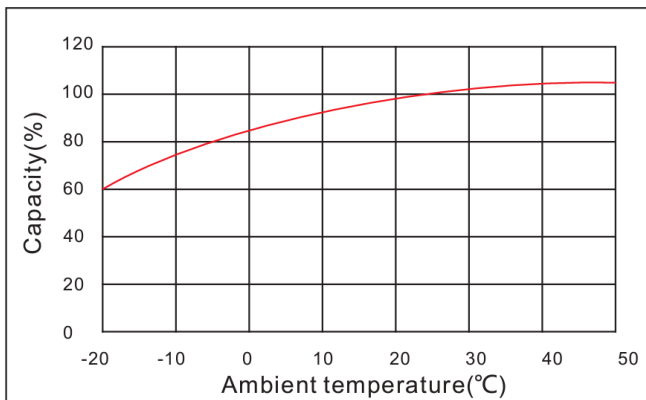
Discharge characteristic



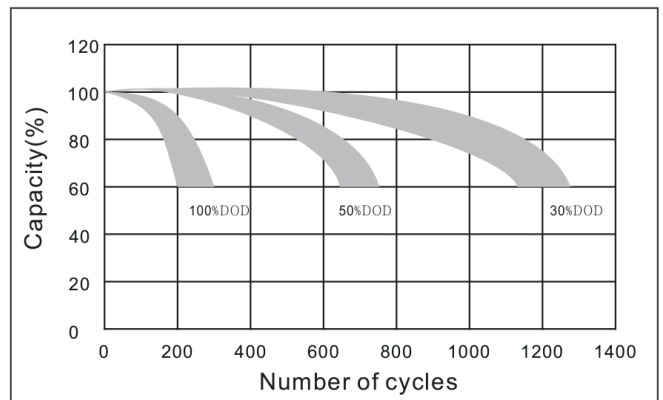
Charging characteristic



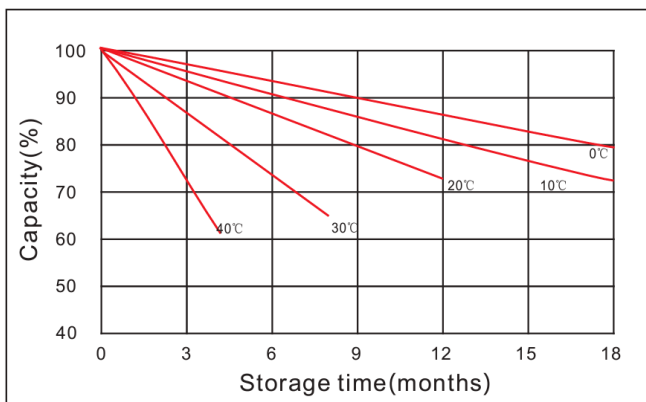
The effect of temperature on capacity



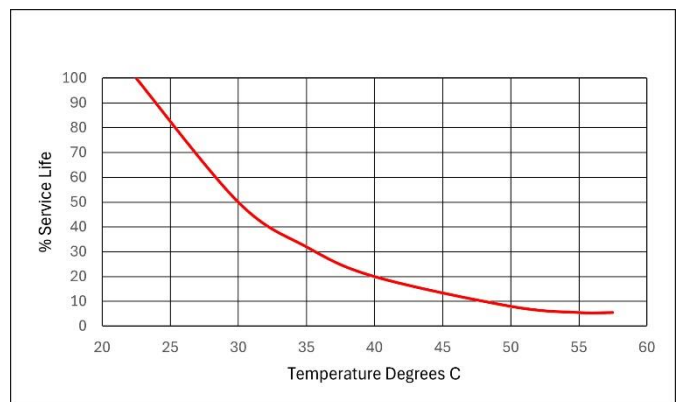
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 2850 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	120Ah
DIMENSIONS	WIDTH 173mm
	DEPTH 407mm
	HEIGHT 237mm
WEIGHT	33.50kgs
INTERNAL RESISTANCE @ 25°C	4.2 mOhm
CHARGE	Max. 30A ; Recom. 12A
MAX. DISCHARGE CURRENT	1440A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	423	265	204	122	91.9	74.9	52.1	44.2	31.9	21.7	14.9	12.4	6.53
1.65V	410	257	199	119	90.4	73.7	51.7	44.0	31.7	21.6	14.8	12.3	6.52
1.70V	394	245	192	116	88.2	71.9	51.2	43.6	31.5	21.5	14.7	12.2	6.50
1.75V	362	235	185	113	85.5	69.7	50.8	43.0	31.3	21.3	14.6	12.1	6.47
1.80V	324	222	175	110	83.7	68.2	50.4	41.9	30.3	20.7	14.2	12.0	6.43

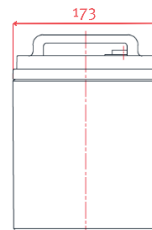
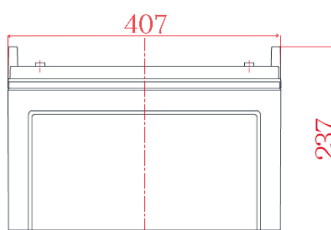
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	709	476	373	228	170	142	104	85.5	62.5	42.9	29.6	24.6	13.1
1.65V	682	461	364	223	168	140	104	85.0	62.1	42.6	29.5	24.6	13.0
1.67V	688	451.5	357	219.5	166	138.5	103.5	84.6	61.95	42.45	29.4	24.5	13.0
1.70V	678	442	350	216	164	137	103	84.2	61.8	42.3	29.3	24.4	13.0
1.75V	633	423	338	211	158	132	102	83.0	61.3	40.1	29.0	24.2	12.9
1.80V	581	399	321	203	154	128	102	80.8	59.4	40.7	28.1	24.1	12.8

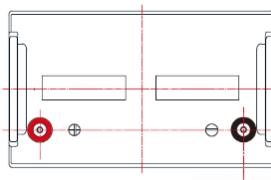
*Product specifications are subject to change without further notice. Please contact the Manufacturer to obtain the latest information.



*Product may differ from image



Terminal Dimensions



Recommended Torque Setting: 3.9 – 5.4Nm

Recommended Distance Between Batteries: 10mm

Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	129.4Ah	20 Hour Rate (6.47A to 10.5V)
RATED CAPACITY	121Ah	10 Hour Rate (12.1A to 10.5V)
	106.5Ah	5 Hour Rate (21.3A to 10.5V)



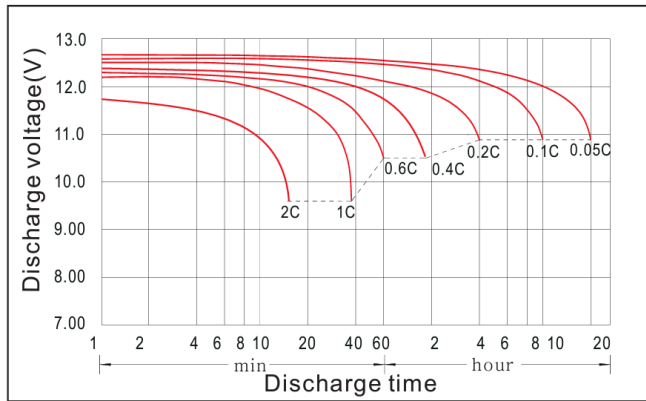
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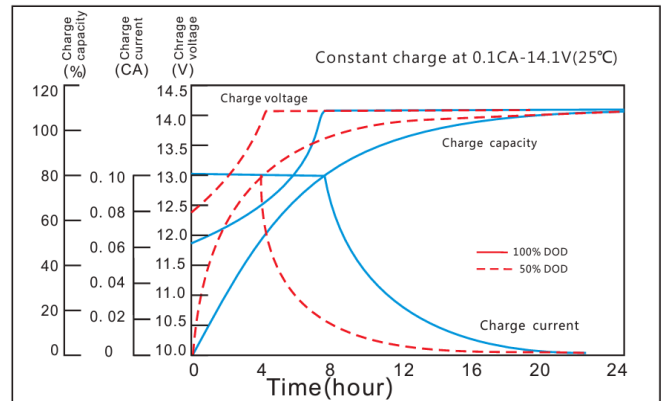
BPC POWERSTOR BATTERY RANGE

PSLW 2850 INDUSTRIAL VRLA SEALED LEAD BATTERY

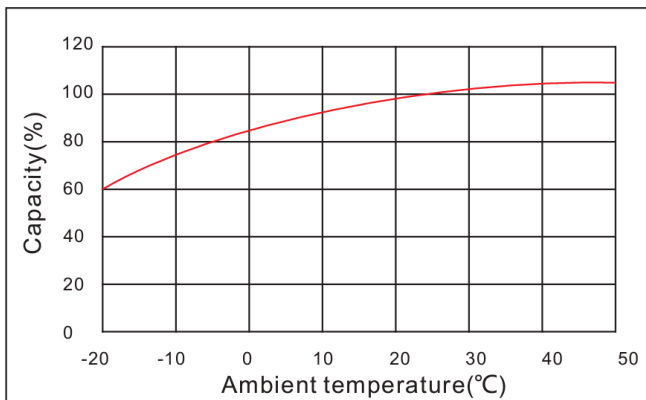
Discharge characteristic



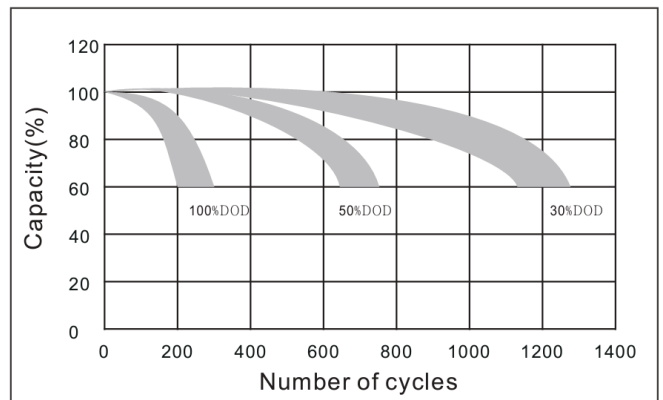
Charging characteristic



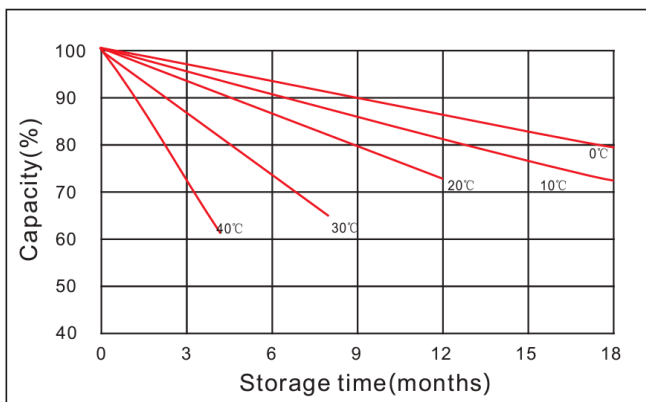
The effect of temperature on capacity



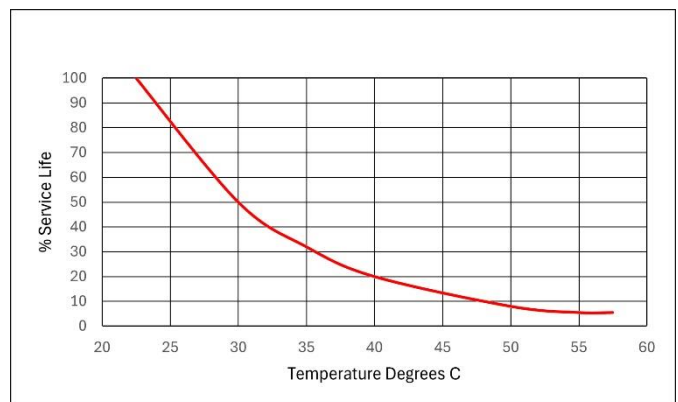
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 3200 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	135Ah
DIMENSIONS	WIDTH 173mm
	DEPTH 341mm
	HEIGHT 281mm
WEIGHT	41.5kgs
INTERNAL RESISTANCE @ 25°C	4.0 mOhm
CHARGE	Max. 35A ; Recom. 13.5A
MAX. DISCHARGE CURRENT	1440A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	476	316	256	155	112	90.9	58.8	52.1	37.8	25.4	16.7	14.0	7.37
1.65V	461	315	248	153	111	90.4	58.4	51.9	37.4	25.1	16.5	13.9	7.33
1.70V	443	312	243	150	110	89.7	57.8	51.5	36.9	25.0	16.4	13.8	7.29
1.75V	407	308	235	148	108	88.4	57.3	50.7	36.5	24.6	16.3	13.6	7.26
1.80V	365	300	219	142	106	86.1	56.7	49.7	36.3	23.9	16.1	13.5	7.22

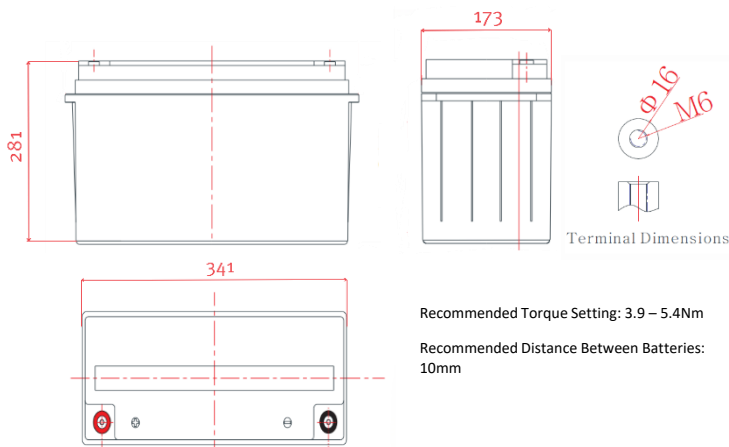
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	798	537	450	281	206	172	114	98.6	72.0	48.2	32.4	27.0	14.6
1.65V	767	534	442	279	205	171	113	98.3	71.0	47.9	32.1	26.7	14.5
1.67V	765	530.5	439.5	278.5	204	170	112.5	98.1	70.8	47.7	32.05	26.6	14.45
1.70V	763	527	437	278	203	169	112	97.9	70.6	47.5	32.0	26.5	14.4
1.75V	712	524	434	277	202	168	111	97.4	70.3	47.2	31.7	26.2	14.4
1.80V	654	521	411	271	200	167	109	97.1	70.0	46.7	31.5	25.9	14.3

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*Product may differ from image



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	145.2Ah	20 Hour Rate (7.26A to 10.5V)
RATED CAPACITY	136h	10 Hour Rate (13.6A to 10.5V)
	123Ah	5 Hour Rate (24.6A to 10.5V)



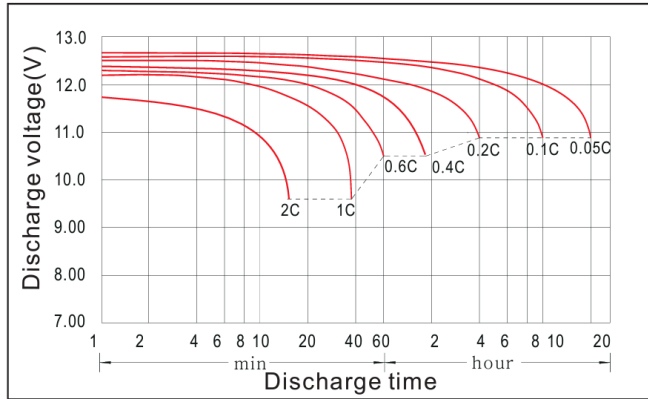
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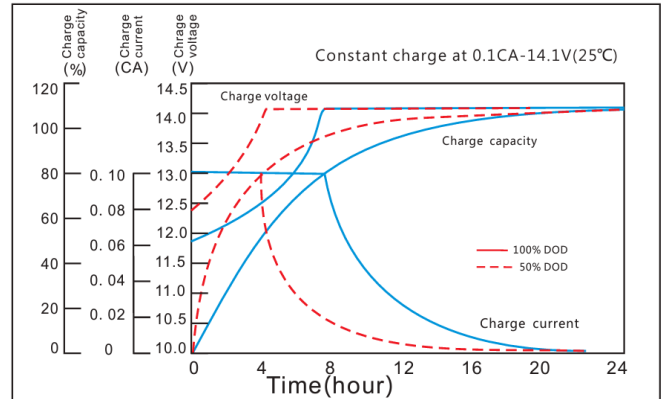
BPC POWERSTOR BATTERY RANGE

PSLW 3200 INDUSTRIAL VRLA SEALED LEAD BATTERY

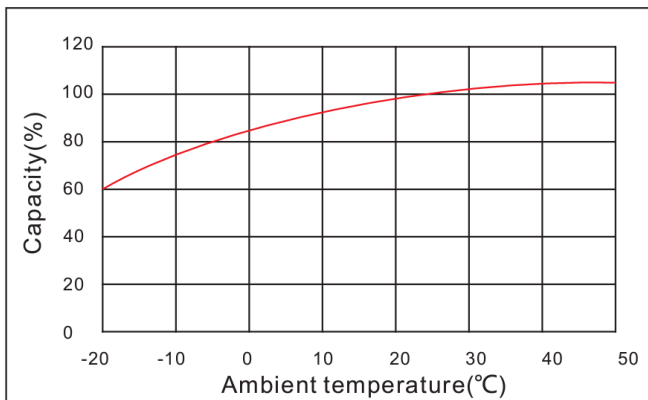
Discharge characteristic



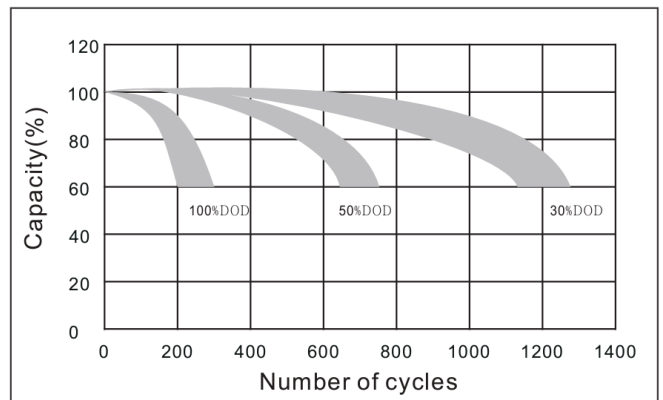
Charging characteristic



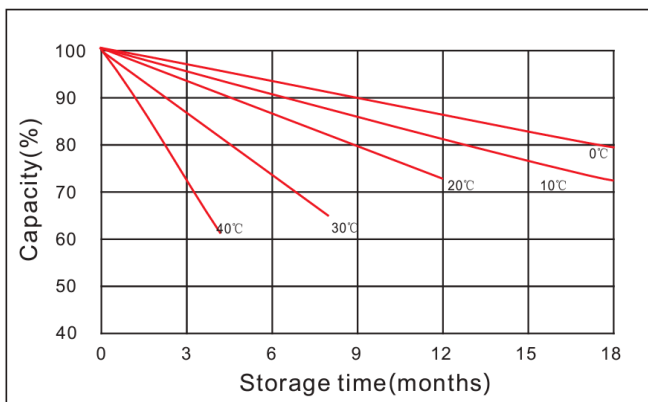
The effect of temperature on capacity



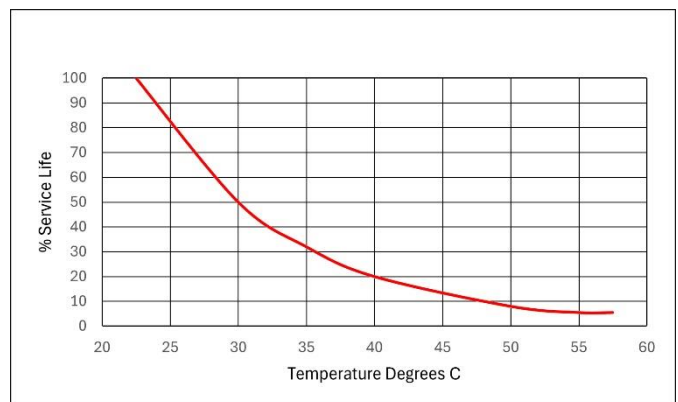
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 3400 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	150Ah
DIMENSIONS	WIDTH 170mm
	DEPTH 484mm
	HEIGHT 241mm
WEIGHT	42kgs
INTERNAL RESISTANCE @ 25°C	4.8 mOhm
CHARGE	Max. 37.5A ; Recom. 15A
MAX. DISCHARGE CURRENT	1800A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	503	334	270	164	118	96.0	60.2	55.0	39.9	26.8	17.6	14.8	7.61
1.65V	486	331	261	162	117	95.0	59.8	54.7	39.5	26.5	17.5	14.7	7.58
1.70V	467	331	256	159	117	95.0	59.0	54.3	39.0	26.2	17.3	14.5	7.53
1.75V	429	325	248	157	114	93.3	58.6	53.5	38.6	25.9	17.2	14.4	7.50
1.80V	386	316	231	150	112	90.9	58.2	52.5	38.3	25.3	17.0	14.3	7.47

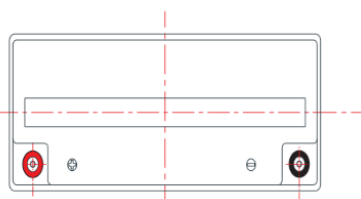
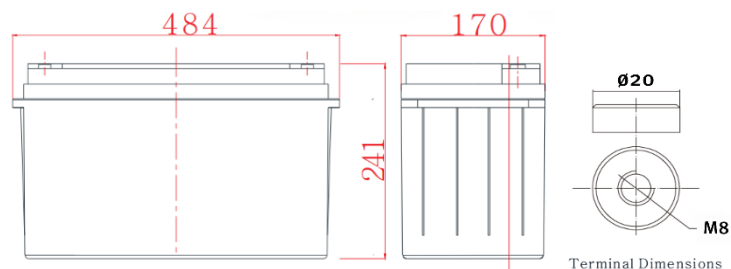
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	842	565	475	297	217	181	120	105	76.0	50.8	34.2	28.5	15.1
1.65V	809	562	466	295	216	180	119	104	75.0	50.5	33.9	28.2	15.0
1.67V	807.5	560	464	295	215.5	179.5	118.5	104	74.8	50.35	33.85	28.05	14.95
1.70V	806	558	462	295	215	179	118	104	74.6	50.2	33.8	27.9	14.9
1.75V	751	555	459	293	214	178	116	103	74.2	49.9	33.5	27.6	14.9
1.80V	690	549	433	286	211	176	116	103	73.9	49.3	33.3	27.4	14.8

*Product specifications are subject to change without further notice. Please contact the Manufacturer to obtain the latest information.



*Product may differ from image



Recommended Torque Setting: 9.6 – 10.7Nm

Recommended Distance Between Batteries: 10mm

Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	150Ah	20 Hour Rate (7.5A to 10.5V)
RATED CAPACITY	144Ah	10 Hour Rate (14.4A to 10.5V)
	129.4Ah	5 Hour Rate (25.9A to 10.5V)



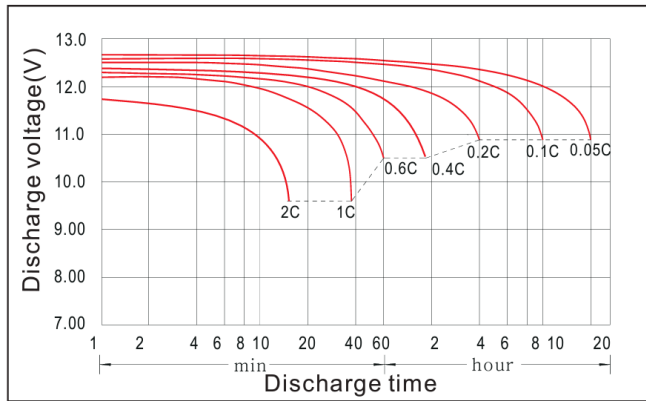
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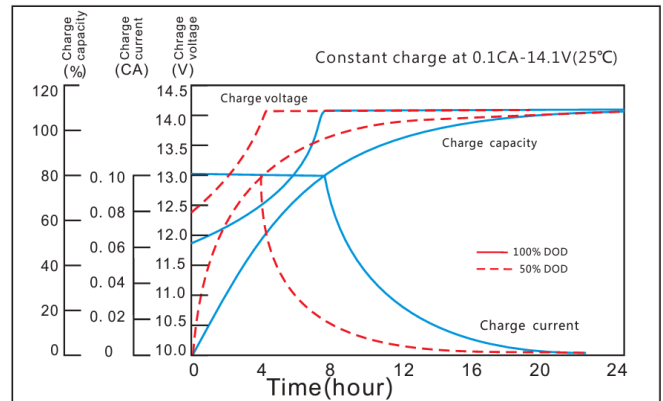
BPC POWERSTOR BATTERY RANGE

PSLW 3400 INDUSTRIAL VRLA SEALED LEAD BATTERY

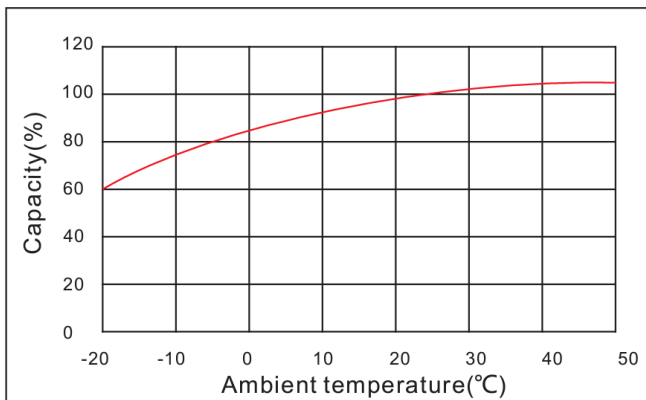
Discharge characteristic



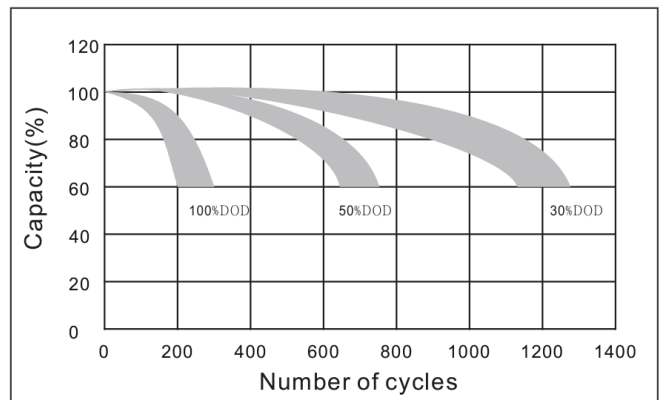
Charging characteristic



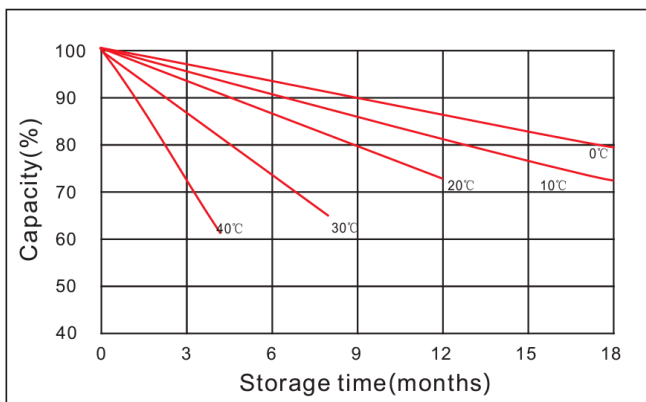
The effect of temperature on capacity



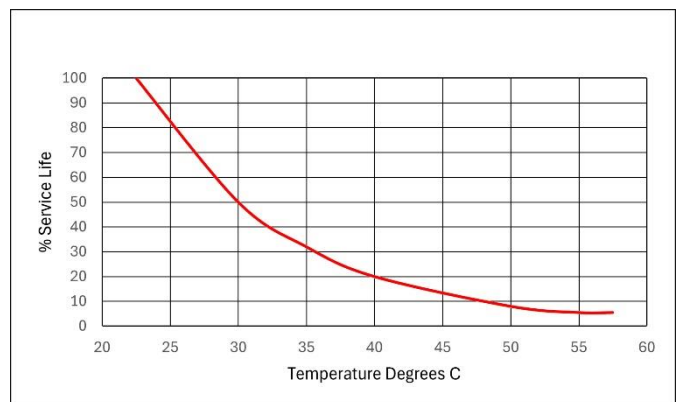
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 4300 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	180Ah
DIMENSIONS	WIDTH 240mm
	DEPTH 522mm
	HEIGHT 219mm
WEIGHT	54kgs
INTERNAL RESISTANCE @ 25°C	5.5 mOhm
CHARGE	Max. 45A ; Recom. 18A
MAX. DISCHARGE CURRENT	2160A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	634	421	341	207	148	121	76.0	69.5	50.4	33.8	22.2	18.7	9.83
1.65V	615	418	330	204	147	120	75.6	69.2	49.8	33.5	22.0	18.6	9.78
1.70V	590	418	324	200	147	120	74.8	68.7	49.3	33.2	21.9	18.4	9.72
1.75V	543	411	313	199	145	118	74.0	67.6	48.7	32.7	21.7	18.2	9.69
1.80V	487	400	291	190	141	115	73.2	66.5	48.5	31.8	21.5	18.0	9.64

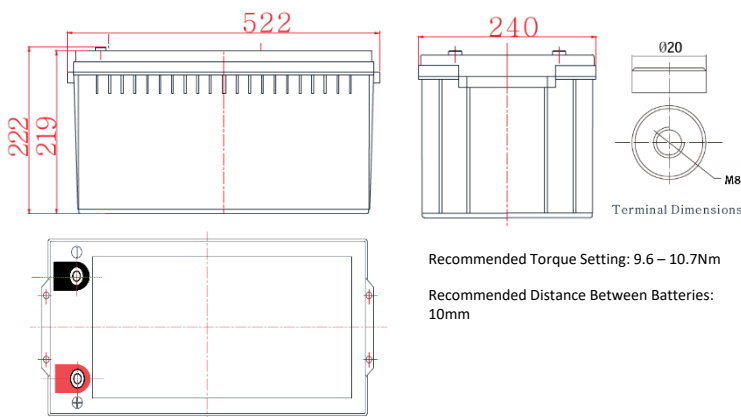
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	1063	714	601	374	275	229	152	132	96.1	64.2	43.2	36.0	19.4
1.65V	1022	708	590	371	272	227	151	131	94.7	64.0	42.9	35.7	19.4
1.67V	1019	706.5	586	371	271.5	226.5	150	130.5	94.45	63.7	42.75	35.45	19.35
1.70V	1016	705	582	371	271	226	149	130	94.2	63.4	42.6	35.2	19.3
1.75V	950	699	579	371	269	224	147	130	93.6	62.9	42.4	34.9	19.3
1.80V	872	693	548	360	266	222	146	130	93.3	62.3	42.1	34.6	19.1

*Product specifications are subject to change without further notice. Please contact the Manufacturer to obtain the latest information.



*Product may differ from image



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	193.8Ah	20 Hour Rate (9.69A to 10.5V)
RATED CAPACITY	182Ah	10 Hour Rate (18.2A to 10.5V)
	163.5Ah	5 Hour Rate (32.7A to 10.5V)



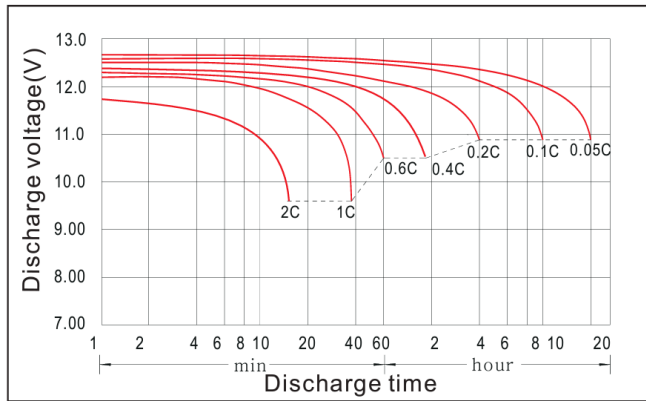
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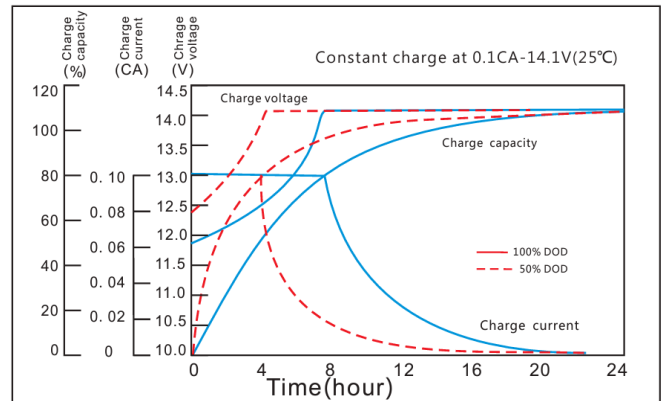
BPC POWERSTOR BATTERY RANGE

PSLW 4300 INDUSTRIAL VRLA SEALED LEAD BATTERY

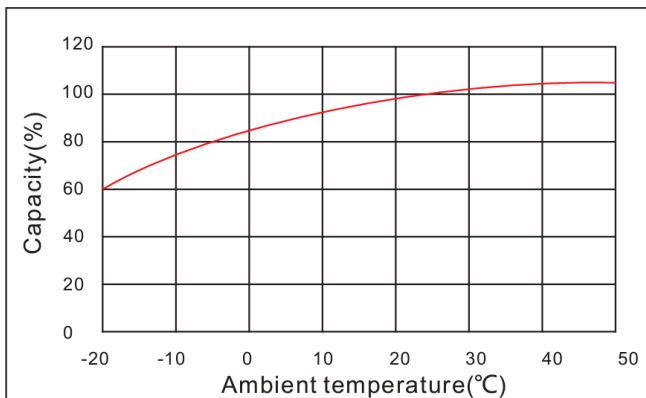
Discharge characteristic



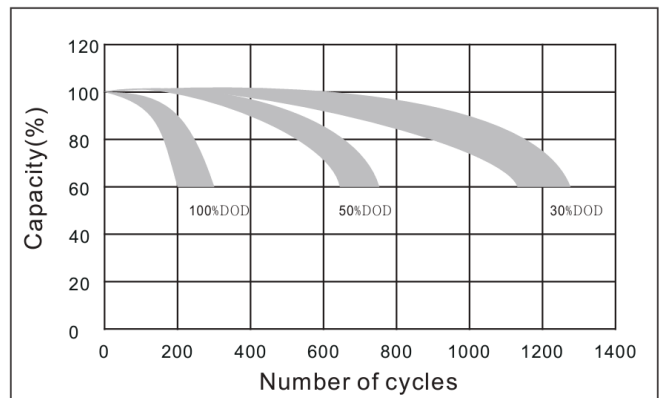
Charging characteristic



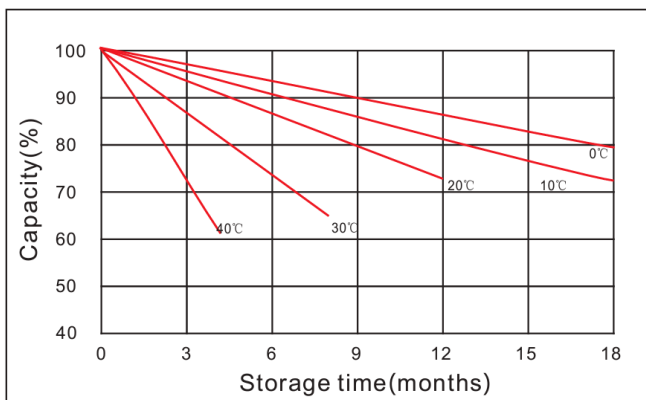
The effect of temperature on capacity



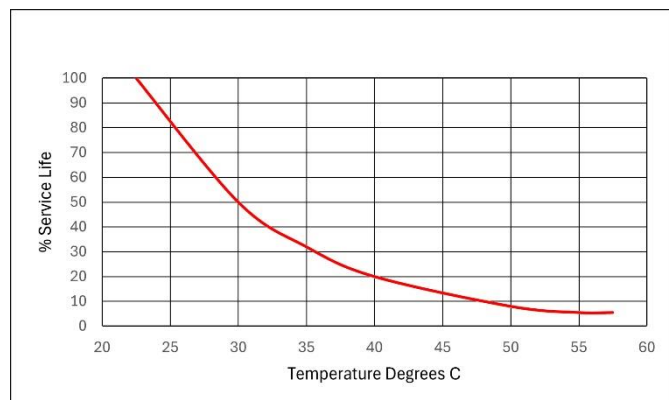
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 4800 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE	12V
NOMINAL CAPACITY	200Ah
DIMENSIONS	WIDTH 240mm
	DEPTH 522mm
	HEIGHT 219mm
WEIGHT	57.0kgs
INTERNAL RESISTANCE @ 25°C	4.0 mOhm
CHARGE	Max. 50A ; Recom. 20A
MAX. DISCHARGE CURRENT	2400A (5 secs)
SELF DISCHARGE	Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	705	470	379	230	166	135	84.6	77.2	56.1	37.6	24.7	20.8	10.9
1.65V	683	466	367	226	164	134	83.8	76.8	55.5	37.2	24.5	20.6	10.9
1.70V	656	463	359	222	163	133	83.0	76.2	54.7	36.8	24.3	20.4	10.8
1.75V	603	456	348	221	161	131	82.1	75.1	54.1	36.5	24.1	20.2	10.8
1.80V	541	445	324	211	157	128	81.3	73.7	53.7	35.5	23.9	20.0	10.7

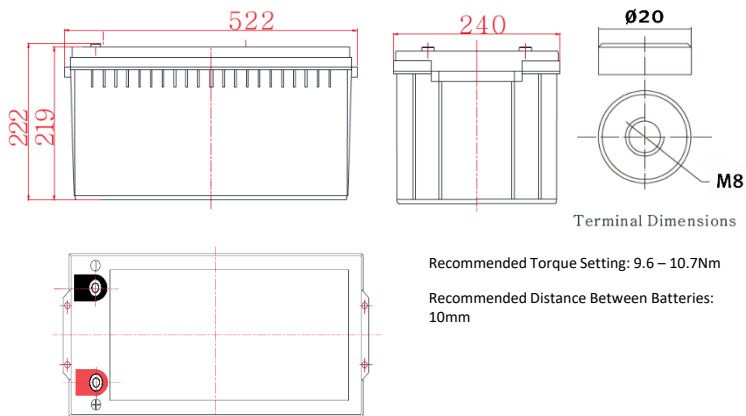
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	1181	796	667	417	306	255	169	146	107	71.3	48.0	40.0	21.6
1.65V	1136	789	655	413	304	253	167	146	105	71.0	47.6	39.6	21.5
1.67V	1133.5	786	651	413	302.5	252	166	145.5	105	70.7	47.5	39.2	21.45
1.70V	1131	783	647	413	301	251	165	145	105	70.4	47.4	39.2	21.4
1.75V	1054	777	643	411	299	249	164	144	104	70.0	47.0	38.8	21.3
1.80V	968	771	608	401	296	247	162	144	104	69.2	46.6	38.4	21.2

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**Product may differ from image*



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	216Ah	20 Hour Rate (10.8A to 10.5V)
RATED CAPACITY	202h	10 Hour Rate (20.2A to 10.5V)
	182.5Ah	5 Hour Rate (36.5A to 10.5V)



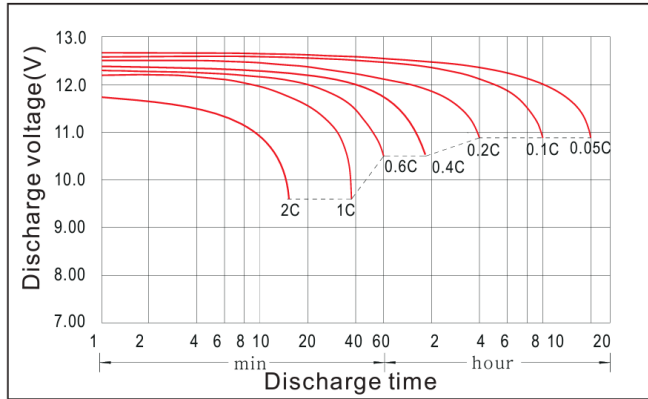
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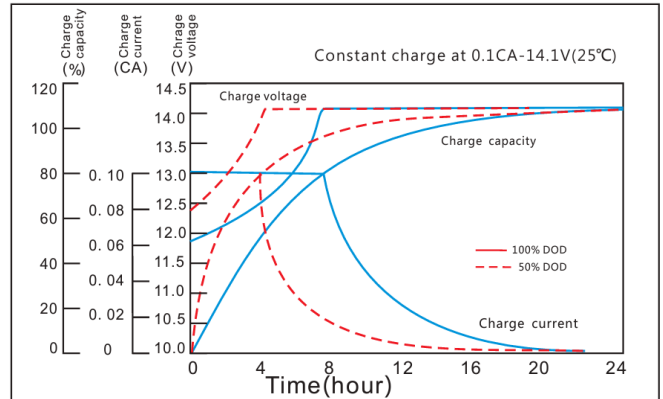
BPC POWERSTOR BATTERY RANGE

PSLW 4800 INDUSTRIAL VRLA SEALED LEAD BATTERY

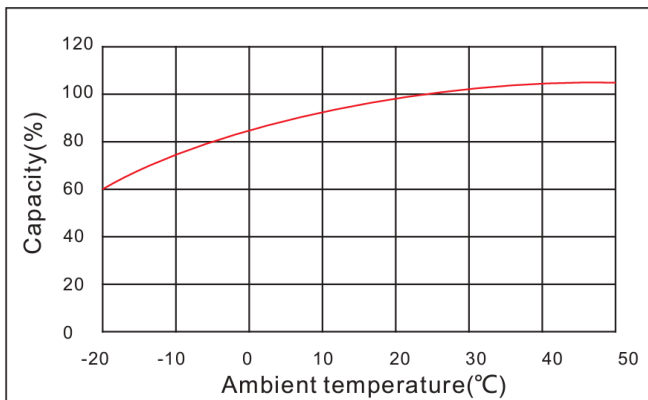
Discharge characteristic



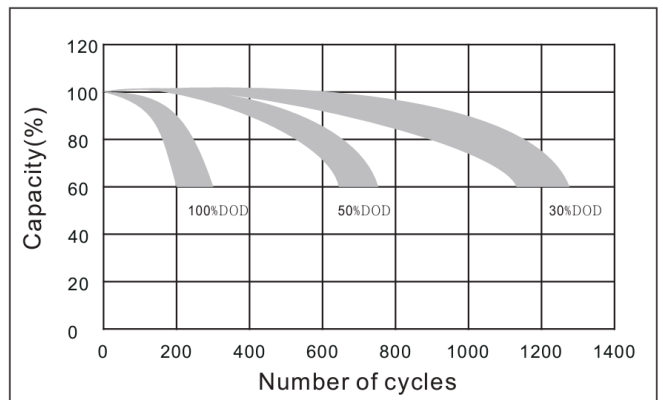
Charging characteristic



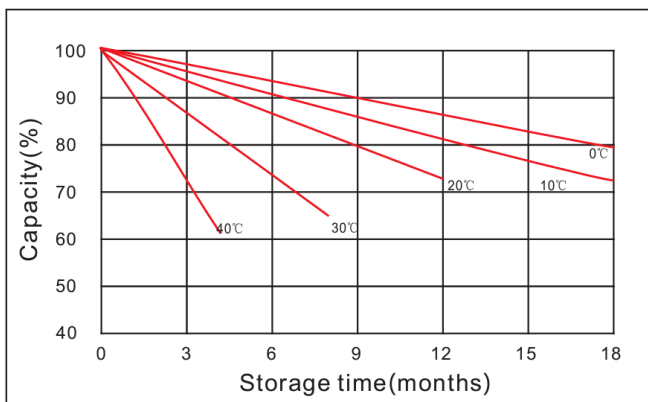
The effect of temperature on capacity



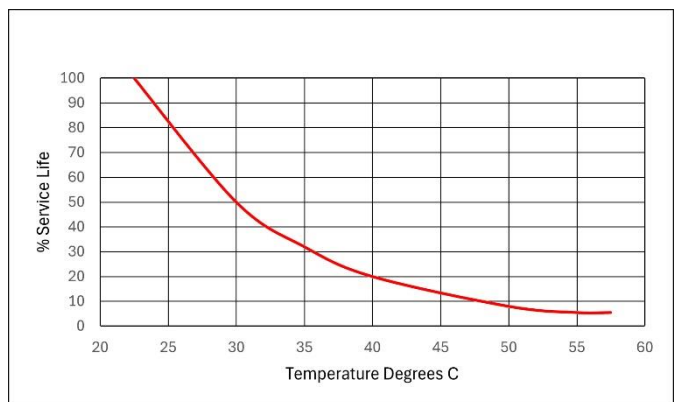
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



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BPC POWERSTOR BATTERY RANGE

PSLW 6000 INDUSTRIAL VRLA SEALED LEAD BATTERY

GENERAL FEATURES

- Multi-alloy grid, with high corrosion resistant performance
- Excellent charge acceptance ability
- Exceptional deep cycle discharge capability
- Strong high and low temperature performance
- Long cycle and battery life – 10 years design life
- Flame Retardant UL-94 (optional)

TECHNICAL SPECIFICATION

NOMINAL VOLTAGE		12V
NOMINAL CAPACITY		250Ah
DIMENSIONS	WIDTH	268mm
	DEPTH	520mm
	HEIGHT	220mm
WEIGHT		68kgs
INTERNAL RESISTANCE @ 25°C		3.8 mOhm
CHARGE		Max. 62.5A ; Recom. 25A
MAX. DISCHARGE CURRENT		3000A (5 secs)
SELF DISCHARGE		Capacity will decline 3% each month at 25°C

Operating Temperature °C	Recommended Applied Float Voltage VPC
10 – 14	2.30 – 2.33
15 – 19	2.27 – 2.30
20 – 24	2.27 – 2.30
25 – 30	2.25 – 2.27

Constant Current Discharge Characteristics (Amps @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	880	585	473	288	206	168	106	96.5	70.1	47.0	30.9	26.0	13.7
1.65V	851	581	459	283	205	167	105	96.0	69.3	46.6	30.6	25.8	13.6
1.70V	819	578	449	278	204	166	104	95.3	68.4	46.1	30.4	25.5	13.5
1.75V	755	571	434	276	201	164	103	93.8	67.6	45.6	30.1	25.3	13.5
1.80V	673	553	405	264	195	159	102	92.1	67.1	44.3	29.9	25.0	13.4

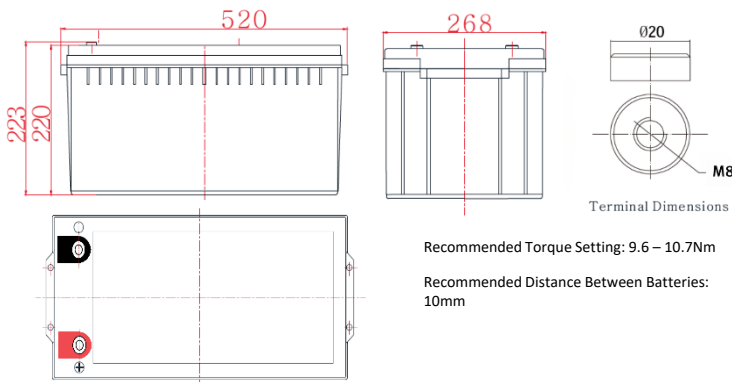
Constant Power Discharge Characteristics (Watts/Cell @ 25°C)

	5m	10m	15m	30m	45m	1hr	1.5hr	2hr	3hr	5hr	8hr	10hr	20hr
1.60V	1480	992	834	521	382	318	211	183	133	89.2	60.0	50.0	27.0
1.65V	1425	986	819	516	379	316	209	182	132	88.7	59.5	49.5	26.9
1.67V	1420	981.5	814	516	377.5	314.5	208	181.5	131.5	88.35	59.4	46.25	26.85
1.70V	1415	977	809	516	376	313	207	181	131	88.0	59.3	49.0	26.8
1.75V	1322	970	804	514	373	311	205	180	130	87.5	58.5	48.5	26.6
1.80V	1212	961	760	501	370	308	203	180	130	86.5	58.3	48.0	26.5

*Product specifications are subject to change without further notice. Please contact the Manufacturer to obtain the latest information.



**Product may differ from image*



Standards:

Internal resistance: according to EN IEC 60896 21
Short circuit current: according to EN IEC 60896 22
EUROBAT Classification: Long life 10 years

	270Ah	20 Hour Rate (13.5A to 10.5V)
RATED CAPACITY	253h	10Hour Rate (25.3A to 10.5V)
	228Ah	5Hour Rate (45.6A to 10.5V)

12V 250Ah AGM 10 years Design Life

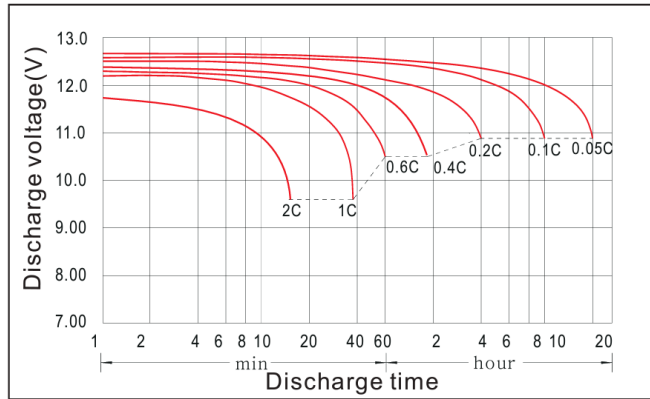
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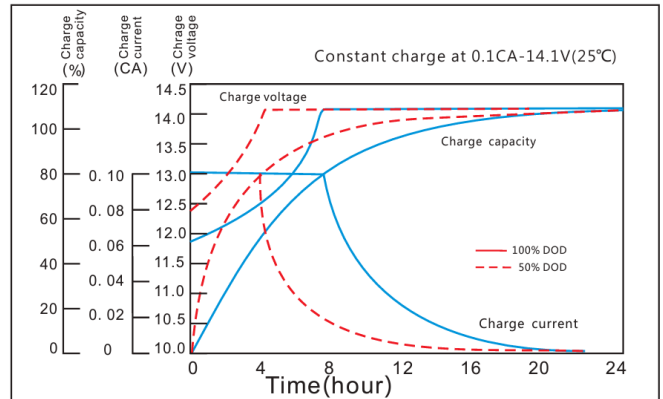
BPC POWERSTOR BATTERY RANGE

PSLW 6000 INDUSTRIAL VRLA SEALED LEAD BATTERY

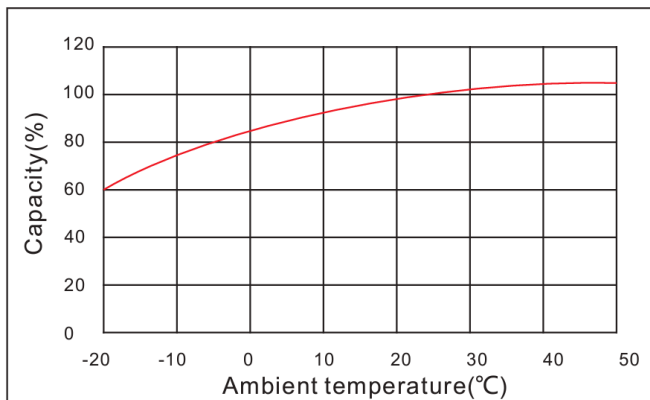
Discharge characteristic



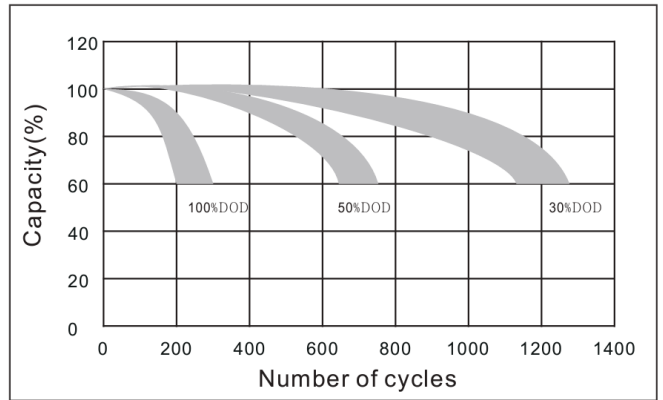
Charging characteristic



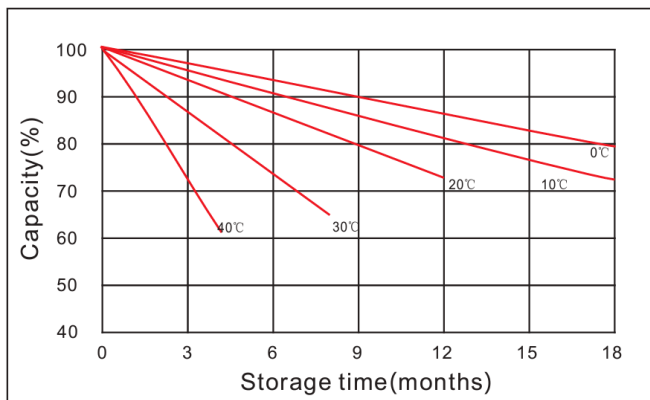
The effect of temperature on capacity



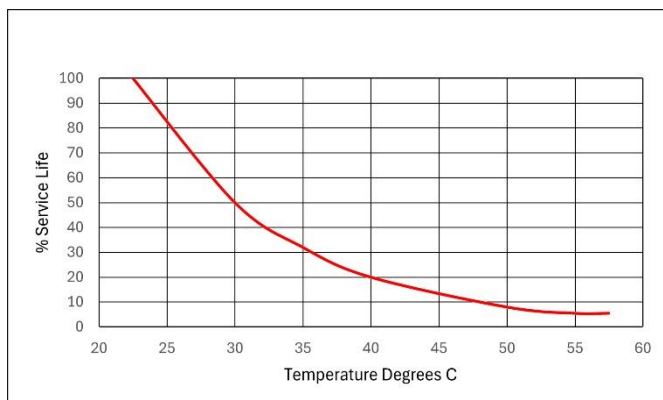
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on service life



*Product specifications are subject to change without further notice. Please contact the Manufacturer to obtain the latest information.

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