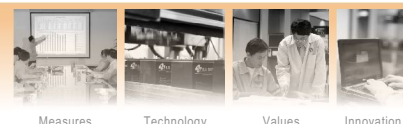




VRLA Rechargeable Battery

BPL12-12 (BPL12-12FR)



FEATURES

- Maintenance free(no water topping-up required).
- No free acid(Non-spillable battery).
- Low self-discharge rate, lower than 3% capacity loss per month.
- Can be used in any orientation(excluding used inverted).

APPLICATION

- UPS
- Laboratory Equipment
- Toy-Cars
- Power Packs
- Fishing Lights



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	12.0Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	4.1Kg(9.04lbs.)
Terminals	T2 (Faston Tab 250) T1 is optional
Internal Resistance	$\leq 16m\ \Omega$ (Fully Charged)
Max. Discharge Current	180 A (5 sec.)
Max. Charge Current	3.6 A
Operating Temperature Range	Charge : 0°C~40°C(32°F~104°F) Discharge : -20°C~50°C(-4°F~122°F) Storage. : -20°C~40°C(-4°F~104°F)
Container Material	ABS(UL94-HB, UL94-V0 is optional)

ISO 9001	
ISO14001	
UL	
CE	
<ul style="list-style-type: none"> ● IEC61056 ● JIS C 8702 ● GB/T 19639 	

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
Length 151±1.5 (5.94±0.06) Width 98±1.5 (3.86±0.06) Container Height 94±1.5 (3.70±0.06) Total Height 98±2.0 (3.86±0.08)		<ul style="list-style-type: none"> Terminal T1 Terminal T2

Constant power discharge characteristics at 25 °C/77 °F						Unit: W			
F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	20 Hr
1.80V		391.0	293.8	238.1	143.2	83.0	35.0	24.10	7.05
1.75V		452.0	318.3	249.0	148.6	85.5	35.7	24.50	7.20
1.70V		480.0	329.8	256.7	152.0	87.0	36.0	24.60	7.23
1.65V		502.0	337.7	262.6	154.2	88.0	36.3	24.70	7.25
1.60V		518.0	344.4	267.8	155.7	88.9	36.5	24.80	7.25

Constant current discharge characteristics at 25 °C/77 °F						Unit: A			
F.V. (V/cell)	Discharge Time	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	20 Hr
1.80V		35.23	25.86	20.70	12.14	6.97	2.92	2.008	0.588
1.75V		41.47	28.02	21.65	12.59	7.18	2.98	2.042	0.600
1.70V		44.04	29.03	22.32	12.88	7.31	3.00	2.050	0.603
1.65V		46.06	29.73	22.83	13.07	7.39	3.03	2.058	0.604
1.60V		47.52	30.32	23.29	13.19	7.47	3.04	2.067	0.604

All data shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.