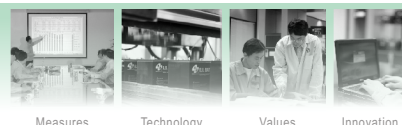


VRLA Rechargeable Battery

BPS120-12



Measures

Technology

Values

Innovation

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).
- Flame-arrestor is installed to ensure safety.
- Carry handles for easy installation.
- Absorbent Glass Mat technology for efficient gas recombination.

APPLICATIONS

- UPS
- Telecom
- Golf-Carts



SPECIFICATIONS

Nominal Voltage	12 V
Nominal Capacity	120Ah @ 20 hour rate F.V.(1.75V/cell)
Approx. Weight	39.5Kg(87.1lbs.)
Terminals	B4 (Fitting M6 bolt & nut) I2 is optional
Internal Resistance	$\leq 4m\Omega$ (Fully Charged)
Max. Discharge Current	800 A (5 sec.)
Max. Charge Current	36 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	Standard: ABS(UL94 HB) BPS120-12 Optional: Flame Retardant ABS(UL94 V-0) BPS120-12FR

UL
MH19884



- IEC 60896-21/22
- JIS C 8704-2
- GB/T 19638.1

DIMENSION(mm/inch)		OUTER DIMENSIONS		TERMINAL TYPE	
■ Length	407±2.0 (16.02±0.08)			● Terminal B4	● Terminal I2
■ Width	173±2.0 (6.81±0.08)				
■ Container Height	210±2.0 (8.27±0.08)			[M6 BOLT & NUT] [M6 BOLT] Terminal Hardware Initial Torque: B4,I2(5.5Nm±5%)	
■ Total Height	239±2.0 (9.41±0.08)				

Constant power discharge characteristics at 25 °C/77 °F Unit: W							
F.V. (V/cell)	Discharge Time	15 Min	30 Min	1 Hr	3 Hr	5 Hr	20 Hr
1.80V		2346	1523	873.4	349.8	241.2	70.92
1.75V		2454	1581	899.6	356.8	244.8	72.00
1.70V		2530	1617	915.7	360.0	246.1	72.36
1.65V		2588	1640	926.7	362.5	247.2	72.58
1.60V		2640	1656	936.0	364.7	247.7	72.58

Constant current discharge characteristics at 25 °C/77 °F Unit: A							
F.V. (V/cell)	Discharge Time	15 Min	30 Min	1 Hr	3 Hr	5 Hr	20 Hr
1.80V		204	129	73.4	29.1	20.10	5.91
1.75V		213	134	75.6	29.7	20.40	6.00
1.70V		220	137	77.0	30.0	20.51	6.03
1.65V		225	139	77.9	30.2	20.60	6.05
1.60V		230	140	78.7	30.4	20.64	6.05

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