



VRLA Rechargeable Battery

BPS33-12C Handle Type



FEATURES

- Maintenance free(no water topping-up required)
- No free acid(Non-spillable battery)
- Can be used in any orientation(excluding used inverted)
- Absorbent Glass Mat technology for efficient gas recombination
- Long life expectancy 10 years in float application


APPLICATIONS

- UPS
- Golf-Carts
- Wheelchairs
- Lawn Mowers
- Electronic Medical Equipment




SPECIFICATIONS

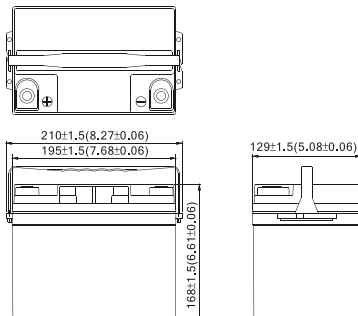
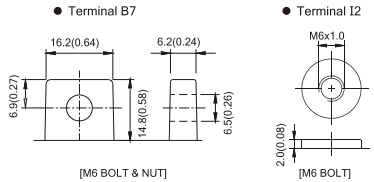
Nominal Voltage	12 V
Nominal Capacity	33Ah @ 10 hour rate F.V.(1.75V/cell)
Approx. Weight	9800g(21.6lbs.)
Terminals	I2, B7 (Fitting M6 bolt & nut) is optional
Internal Resistance	≤ 13mΩ (Fully Charged)
Max. Discharge Current	330 A (5 sec.)
Max. Charge Current	9.9 A
Operating Temperature Range	Charge : 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) BPS33-12C Optional: Flame Retardant ABS(UL94 V-0) BPS33-12CFR



MH19884



- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

DIMENSION(mm/inch)	OUTER DIMENSIONS	TERMINAL TYPE
<p>■ Length 210±1.5(8.27±0.06)</p> <p>■ Width 129±1.5(5.08±0.06)</p> <p>■ Container Height 168±1.5(6.61±0.06)</p> <p>■ Total Height B7: 179±2.0(7.05±0.08) I2: 168±2.0(6.61±0.08)</p>		 <p style="text-align: center;">Terminal Hardware Initial Torque: B7/I2(5.5Nm±5%)</p>

Constant power discharge characteristics at 25 °C/77 °F Unit: W

Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr
10.8V	880	717	586	397	238	96.2	66.3	39.58
10.5V	988	777	612	412	245	98.1	67.3	40.17
10.2V	1082	804	631	421	250	99.0	67.7	40.38
9.9V	1130	824	646	427	253	99.7	67.9	40.49
9.6V	1168	841	658	432	255	100.3	68.1	40.49

Constant current discharge characteristics at 25 °C/77 °F

Discharge Time F.V.	5 Min	10 Min	15 Min	30 Min	1 Hr	3 Hr	5 Hr	10 Hr
10.8V	80.1	64.7	52.3	33.9	20.0	8.02	5.53	3.30
10.5V	91.6	70.1	54.8	35.3	20.6	8.18	5.61	3.34
10.2V	100.3	72.6	56.4	36.1	21.0	8.25	5.64	3.36
9.9V	106.8	75.8	57.8	36.6	21.2	8.31	5.66	3.37
9.6V	112.4	78.7	58.8	36.9	21.5	8.36	5.68	3.37

All data shall be changed without prior notice, BB reserves the right to explain and update the information contained hereinto.
A/4 REV. Apr 2021