

VRLA Rechargeable Battery

BPS33-12 Finger 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
- Its design life is more than 12 years in 20°C

APPLICATION

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

SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	20 Hour Rate (1650mA, 10.5V)	33.0 Ah
	10 Hour Rate (3140mA, 10.5V)	31.4 Ah
	5 Hour Rate (5610mA, 10.5V)	28.1 Ah
	1 Hour Rate (19800mA,9.3V)	19.8 Ah
Approx. Weight	11250g(24.81lbs.)	
Terminals	B7 (Fitting M6 bolt & nut) I2 is optional	
Max. Discharge Current	495 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)
Self Discharge	< 3% per month (25°C)	
Internal Resistance	≤ 9m Ω (Fully Charged)	



CONTAINER MATERIAL

- Standard: ABS(UL 94-HB)
Model Name: BPS33-12
- Optional: Flame Retardant ABS(UL 94-V0)
Model Name: BPS33-12FR

Certificate as below:

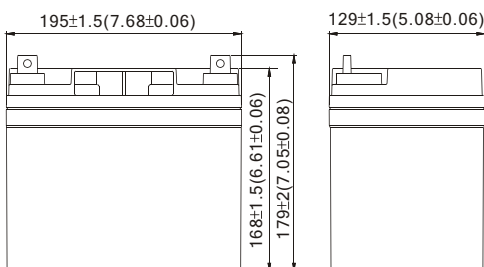
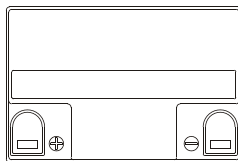


Compliance of the standards as below:

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

OUTER DIMENSIONS mm(inch)

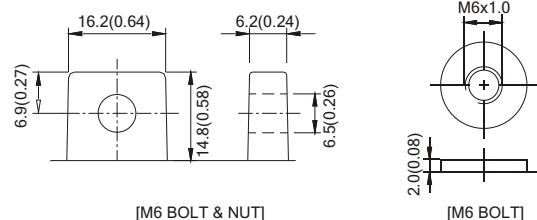
Length (L)	Width (W)	Container Height (H)	Total Height (TH)
195±1.5(7.68±0.06)	129±1.5(5.08±0.06)	168±1.5(6.61±0.06)	B7: 179±2.0(7.05±0.08) I2: 168±2.0(6.61±0.08)



TERMINAL TYPE

● Terminal B7

● Terminal I2



Terminal Hardware Initial Torque: B7/I2(5.5Nm±5%)