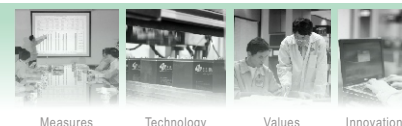




VRLA Rechargeable Battery

BPS20-12



Measures

Technology

Values

Innovation

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
- Emergency Lights
- Lawn Mowers
- Medical Devices
- Security Systems

SPECIFICATIONS

Nominal Voltage	12V	
Nominal Capacity	20 Hour Rate (1000mA, 10.5V)	20.0 Ah
	10 Hour Rate (1900mA, 10.5V)	19.0 Ah
	5 Hour Rate (3400mA, 10.5V)	17.0 Ah
	1 Hour Rate (12000mA, 9.3V)	12.0 Ah
Approx. Weight	6350g(14.00lbs.)	
Terminals	B1 (Fitting M5 bolt & nut) , T2 and I1 are optional	
Max. Discharge Current	300 A (5 sec.)	
Max. Charge Current	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)
Self Discharge	< 3% per month (25°C)	
Internal Resistance	$\leq 11m\Omega$ (Fully Charged)	



CONTAINER MATERIAL

- Standard: ABS(UL 94-HB)
Model Name: BPS20-12
- Optional: Flame Retardant ABS(UL 94-V0)
Model Name: BPS20-12FR

Certificate as below:

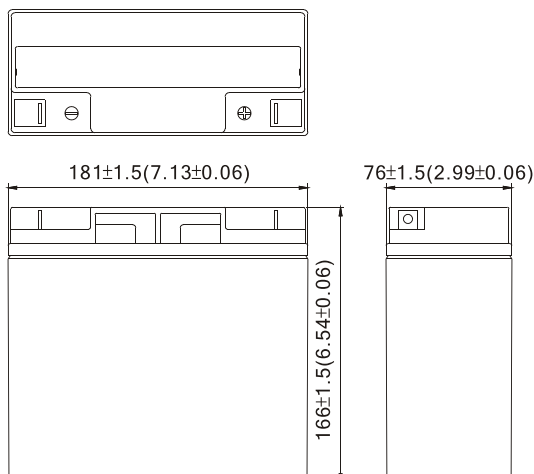


Compliance of the standards as below:

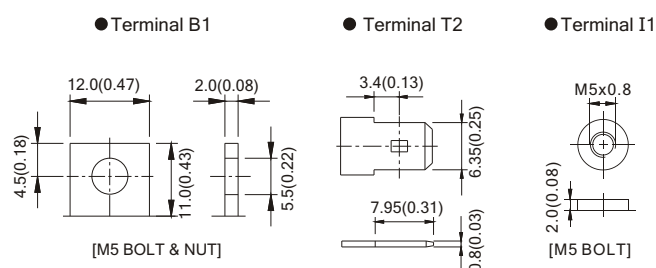
- IEC 61056-1
- JIS C 8702-1
- GB/T 19639.1

OUTER DIMENSIONS mm(inch)

Length (L)	Width (W)	Container Height (H)	Total Height (TH)
181±1.5(7.13±0.06)	76±1.5(2.99±0.06)	166±1.5(6.54±0.06)	166±1.5(6.54±0.06)



TERMINAL TYPE



Terminal Hardware Initial Torque:
B1(2.5Nm±5%),I1(4.0Nm±5%)