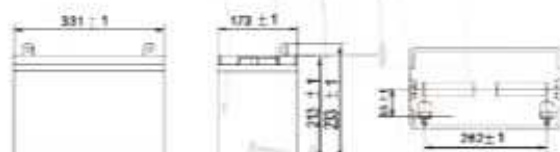


UP-12100**12V100AH****Deep Cycle****Terminal Type (mm)****Outer dimensions (mm)****UP General Series Battery**

UPD series VRLA batteries are superior deep cycle design with thick plates, high-density active materials and slightly stronger electrolyte, Which can withstand repeated deep cyclic applications.

Deep Cycle Series Batteries are the special design batteries with 10 years floating design life at 25°C. Meet with IEC, BS, JIS and Eurobat standard.

Application

- Emergency power system
- Communication equipment
- Telecommunication systems
- Uninterruptible power supplies
- Electric bicycle and wheelchairs, etc.
- Power tools
- Golf cars and buggies
- Marine equipment
- Solar and wind power system

General Features

- Safety sealing
- Non-spillable construction
- High power density
- Excellent recovery from deep discharge
- Thick plates and high active materials
- Longer life and low self-discharge design

Construction

- Positive Lead dioxide
- Electrolyte Sulfuric acid
- Separator Fiber glass
- Container ABS(UL94-HB)
- Negative Lead
- Safety Valve EPDR
- Terminal Copper

Specification

Battery Model	12V			
	100Ah			
Dimensions	Length 331 mm (13.03 inches)	Width 173 mm (6.81 inches)	Height 213 mm (8.39 inches)	Total Height 233 mm (9.17 inches)
Approx Weight	31.0 kg (68.36 lbs) ±3%			
Capacity 25°C (77°F)	10 Hour (10A, 10.8V) 100Ah	5 Hour (17A, 10.5V) 85Ah	3 Hour (25A, 10.2V) 75Ah	1 Hour (55A, 9.6V) 60Ah
Max. discharge current	1000A(5 Sec.)			
Internal Resistance	Full charged at 25°C: Approx 3 mΩ			
Capacity affected by Temp.(10HR)	40°C (104°F) 102%	25°C (77°F) 100%	0°C (32°F) 85%	-15°C (5°F) 65%
Self Discharge at 25°C (77°F)	After 3 months storage 91%		After 6 months storage 82%	After 12 months storage 64%
Charge method 25°C (77°F)	Cycle Use 14.1-14.4V (Initial charging current less than 40A)		Float Use 13.50-13.80V	

UnitexPower

UnitexPower Battery Co., LTD

Design in Germany

