

VRLA Batteries for Standby communication equipment's, Emergency Lightening systems, Solar Powered and Wind Powered systems, Load Leveling and storage equipment, Marine equipment, Power generation plants, Alarm Systems, Uninterruptable Power Supplies and Standby power systems, Medical equipment's and other special application.



## Features

- Superior Deep Cycle Design.
- High Power Density.
- Thick Plates and High-density Active Material.
- Longer Life in Deep Cycle Applications.
- Excellent Recovery from Deep Discharge.

## Specifications

DESCRIPTION	12V70AH	12V100AH	12V125AH	12V150AH	12V200AH	12V230AH
Cells Per Unit	6					
Voltage Per Unit	12					
Capacity	70Ah@20hr-rate to 1.75V per cell @25 C	100Ah@20hr-rate to 1.75V per cell @25 C	125Ah@20hr-rate to 1.75V per cell @25 C	150Ah@20hr-rate to 1.75V per cell @25 C	200Ah@20hr-rate to 1.75V per cell @25 C	230Ah@20hr-rate to 1.75V per cell @25 C
Weight	Approx. 23.0 Kg(Tolerance± 2%)	Approx. 28.0 Kg(Tolerance±2%)	Approx. 35.0 Kg(Tolerance±2%)	Approx. 44.5 Kg(Tolerance±2%)	Approx. 60.0Kg(Tolerance± 2%)	Approx. 65.0Kg(Tolerance±2%)
Max. Discharge Current	700 A (5 sec)	1000 A (5 sec)	1250 A (5 sec)	1500 A (5 sec)	2000 A (5 sec)	2300 A (5 sec)
Internal Resistance	Approx. 6 mΩ	Approx. 6.5 mΩ	Approx. 4 mΩ	Approx. 4.2 mΩ	Approx. 4 mΩ	Approx. 3.5 mΩ
Operating Temperature Range	Discharge: -40 C~60 C					
	Charge: -20 C~50 C					
	Storage: -40 C~60 C					
Normal Operating Temperature Range	25 C±5 C					
Float charging Voltage	13.6 to 13.8 VDC/unit Average at 25 C					
Recommended Maximum Charging Current	21A	30A	36A	45A	60A	75A
Equalization and Cycle Service	14.2 to 14.4VDC/unit Average at 25 C					
Self Discharge	Batteries can be stored for more than 6 months at 25 C. Self-discharge ratio less than 3% per month at 25 C. Please charge batteries before using.					
Terminal	Terminal F5 / F12					
Container Material	A.B.S. (UL94-HB), Flammability resistance of UL94-V1					
	can be available upon request.					