







## Features:

- Non-Spillable Sealed Construction
- No Water Topping Required
- Maintenance-Free Operation
- Low Pressure Venting System
- Low Self-Discharge - Long Shelf Life
- Wide Operating Temperature Range
- High Recovery Capability
- High Charge Acceptability
- Ultra Long Life Service
- Low Maintenance
- High Performance
- User Friendly



## TECHNICAL SPECIFICATIONS

MODEL -12V	 12V 33 Ah	 12V 45 Ah	 12V 50 Ah	 12V 55 Ah
Cells Per Unit	6	6	6	6
Voltage Per Unit	12	12	12	12
Capacity	33Ah@10hr-rate	42Ah@10hr-rate	55Ah@10hr-rate	55Ah@10hr-rate
Weight	Approx 10.5 kg	Approx 12 kg	Approx 15.5 kg	Approx 15.0 kg
Max. Discharge Current	330A (5sec)	400A (5sec)	550A (5sec)	550A (5sec)
Internal Resistance	Approx. 5.5m Ω	Approx. 7.8m Ω	Approx. 6.5m Ω	Approx. 6.8m Ω
Operating Temperature Range	Discharge:-20°C~50°C	Discharge:-40°C~50°C	Discharge:-40°C~50°C	Discharge:-40°C~50°C
	Charge: -20°~50°C	Charge: -20°~50°C	Charge: -20°~50°C	Charge: -20°~50°C
	Storage: -20°C~50°C	Storage: -20°C~50°C	Storage: -20°C~50°C	Storage: -20°C~50°C
Normal Operating Temperature Range	25°C ±5°C	25°C ±5°C	25°C ±5°C	25°C ±5°C
Float charging Voltage	13.50 to 13.80V DC/unit Average at 25°C			
Max. Charging Current	8.25A	10A	13.75A	13.75A
Equalization and Cycle service	14.70 to 15.00V DC/unit Average at 25°C			
Self Discharge	The batteries can be stored for more than 6 months at 25°C. Please charge batteries before using. For high temperature, the time interval will be shorter.			
Terminal	T8 / T11	T4 / T12	T12	T12
Constrainer Material	ABS (UL94-HB) Flammability resistance of UL94-V0 is available on request.			

MODEL -12V	 12V 65 Ah	 12V 75 Ah	 12V 100 Ah	 12V 150 Ah	 12V 200 Ah
Cells Per Unit	6	6	6	6	6
Voltage Per Unit	12	12	12	12	12
Capacity	65Ah@10hr-rate	75Ah@10hr-rate	100Ah@10hr-rate	150Ah@10hr-rate	200Ah@10hr-rate
Weight	Approx 19.8 kg	Approx 20.7 kg	Approx 28.5 kg	Approx 43 kg	Approx 57.5 kg
Max. Discharge Current	650A (5sec)	700A (5sec)	700A (5sec)	1000A (5sec)	1200A (5sec)
Internal Resistance	Approx. 5.3m Ω	Approx. 4.6m Ω	Approx. 3.7m Ω	Approx.2.6m Ω	Approx.2.9m Ω
Operating Temperature Range	Discharge:-40°C~50°C	Discharge:-40°C~50°C	Discharge:-40°C~50°C	Discharge:-40°C~50°C	Discharge:-40°C~50°C
	Charge: -20°~50°C	Charge: -20°~50°C	Charge: -20°~50°C	Charge: -20°~50°C	Charge: -20°~50°C
	Storage: -20°C~50°C	Storage: -20°C~50°C	Storage: -20°C~50°C	Storage: -20°C~50°C	Storage: -20°C~50°C
Normal Operating Temperature Range	25°C ±5°C	25°C ±5°C	25°C ±5°C	25°C ±5°C	25°C ±5°C
Float charging Voltage	13.50 to 13.80V DC/unit Average at 25°C				
Max. Charging Current	16.25A	17.5A	25.0A	37.5A	50A
Equalization and Cycle service	14.70 to 15.00V DC/unit Average at 25°C				
Self Discharge	The batteries can be stored for more than 6 months at 25°C. Please charge batteries before using. For high temperature, the time interval will be shorter.				
Terminal	T14	T14	T14	T14	T9/T14
Constrainer Material	ABS (UL94-HB) Flammability resistance of UL94-V0 is available on request. T				