

**Specification :**

Cells Per Unit	6
Voltage Per Unit	12
Capacity @ C10 @ 10hr-rate to 1.75V per cell @27°C	200 AH
Net Weight (+/-1 Kg)	63 Kg
Gross Weight (+/-1.5 Kg)	64.1 Kg
Operating Temperature Range	Discharge: 5°C ~ 50°C Charge: 5°C ~ 50°C Storage: 5°C ~ 50°C
Normal Operating Temperature Range	27±2°C
Float Charging Voltage	13.6 to 13.8 VDC/unit Average at 27°C
Recommended Maximum Charging Current	10% of Battery Rated Capacity
Equilization and Cycle Service	14.6 to 14.8 VDC/unit Average at 27°C
Self Discharge	Genus Lead Storage batteries can be stored for 3 months at 27°C. Self-discharge ratio less than 1% per month at 27°C. Please charge batterie before using.
Terminal	Positive & Negative Terminal (Lead Alloy)

Container Material	PPCP
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**Battery Testing Parameter :**

Backup Time (On 400W with Inverter 900VA)	240 minute @ 27°C to 10.50V
Rated Capacity at 5 A@C20	220Ah @ 27°C to 10.50V
Rated Capacity at 8.8A@C10	200Ah @ 27°C to 10.50V
Rated Capacity at 14.66@C5	180Ah @ 27°C to 10.50V
Rated Capacity at 21.03A@C3	150Ah @ 27°C to 10.50V

Dimensions : 510 X 193 X 410 (MM)

**(12V 200AH@C10)**



**Industrial Compliance :**

ISO 9001:2015
ISO 14001:2015
ISO 27001:2013
ISO 45001:2018
ISO 50001:2018

**State of Charge Measure of Open-circuit Voltage @ 27°C**

State of Charge	Specific Gravity	Voltage
100%	1.255	12.6
75%	1.24	12.51
50%	1.235	12.48
25%	1.225	12.42
0%	1.215	12.36

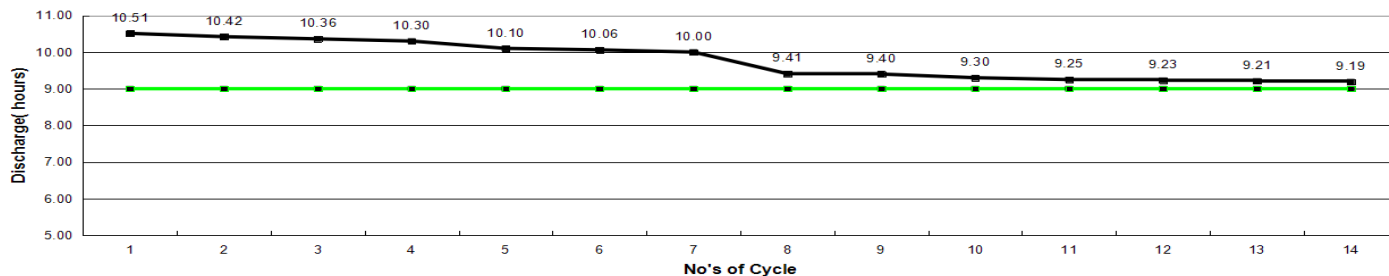
**MODERN  
TERMINAL DESIGN**



Terminal Configuration :-  
Terminal Type :- L  
Terminal Height :- 31 mm  
Torque Value :- 8-10 N.m  
Bolt Type :- M8

**LIFE CYCLE TEST CHARACTERISTICS :**

**Life Cycle Chart**



**DOD V/S LIFE CYCLE :**

**DOD GRAPH**

