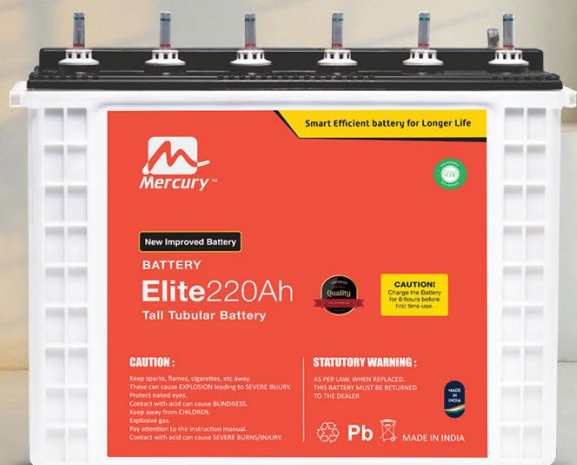




TALL TUBULAR BATTERY

ELITE 220Ah



FEATURES

- Compact Design, Heavy Duty Grids, Low Self Discharge, Wide Operating Temperature & High Impact Resistive Plastic Cast
- Tubular plate design specifically tailored for deep cycle usage
- Tower type PPCP container-cover design, assuring significantly higher electrolyte level above plates
- In-line level indicator for easier access
- Special envelope separator minimizes possibility of internal short circuit
- Conforms to IS13369-1992

ADVANTAGES

- Fast Charging and Long Lasting
- High Acid Volumes and hence need Minimal Maintenance
- Superb Deep Discharge Recovery and Charge Acceptance
- Corrosion resistance technology enhances battery life

APPLICATIONS

- Solar Power Systems
- Inverters
- Telecommunications Infrastructure
- UPS Systems
- Industrial Applications
- Emergency Lighting
- Security Systems

DOD Vs CYCLE

80% DOD- (1200- 1300 Cycles)
50% DOD- (2000-2100 Cycles)
20% DOD- (3000-3100 Cycles)

Net | Gross Weight 63.8(+/-3%)kg | 65.5(+/-3%)kg
Dimensions L 505mm x W 207mm x H 416mm





SPECIFICATIONS

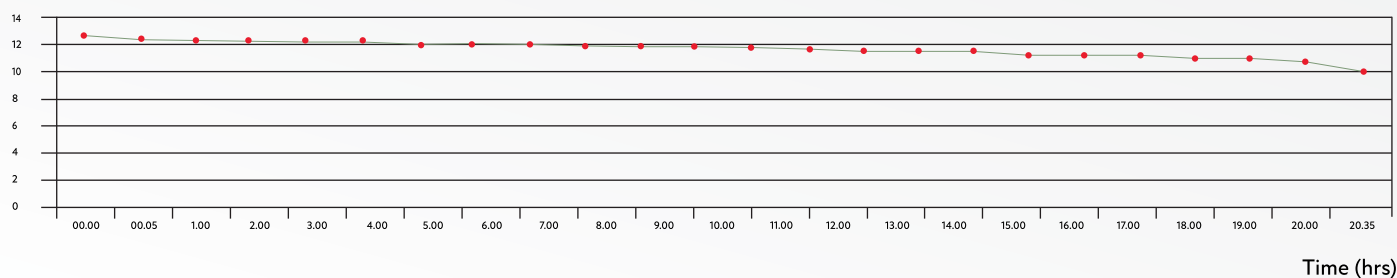
Cells Per Unit	6
Voltage Per Unit	12
Capacity	220Ah@20hr-rate to 1.80V per cell @27°C
Net Gross Weight	63.8(+/-3%)kg 65.5(+/-3%)kg
Dimensions	L 505mm x W 207mm x H 416mm
Operating Temperature Range	Discharge: 5°C ~ 50°C Charge: 5°C ~ 50°C Storage: 5°C ~ 40°C
Normal Operating Temperature Range	27±2°C
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	Mercury 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

Battery Testing Parameter

Backup Time (On 400W with Inverter 900VA)	240 minute @ 27°C to 10.80V	ISO 9001 : 2015
Capacity test result according to 12V 220 AH@C20		ISO 14001 : 2015
Rated Capacity at 11A@C20	220Ah @ 27°C to 10.80V	ISO 27001 : 2013
Rated Capacity at 18A@C10	188Ah @ 27°C to 10.80V	ISO 45001 : 2018
Rated Capacity at 40A@C3	120Ah @ 27°C to 10.80V	ISO 50001 : 2018

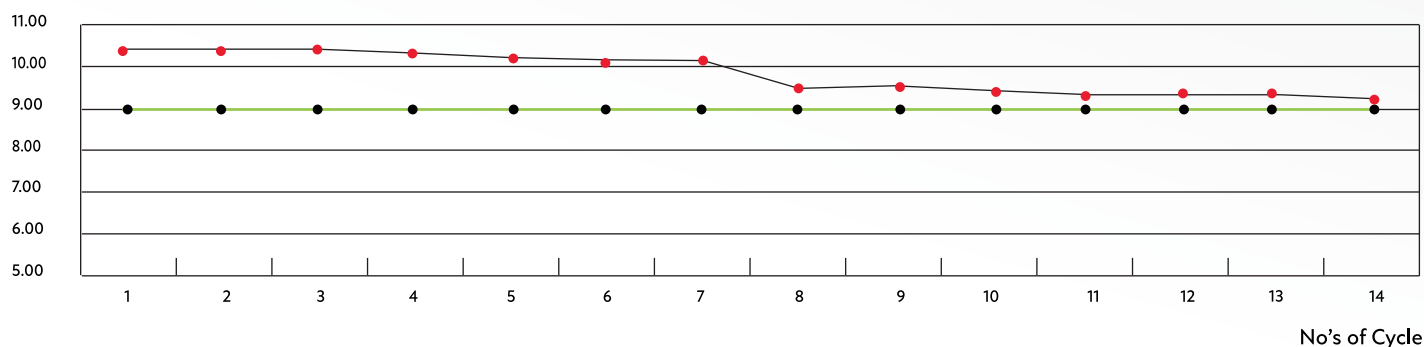
Constant Current C20-Discharge Characteristics: 27°C

C-20 Discharge Curve



Time (hrs)

Life Cycle Test Characteristics IS 13369



No's of Cycle