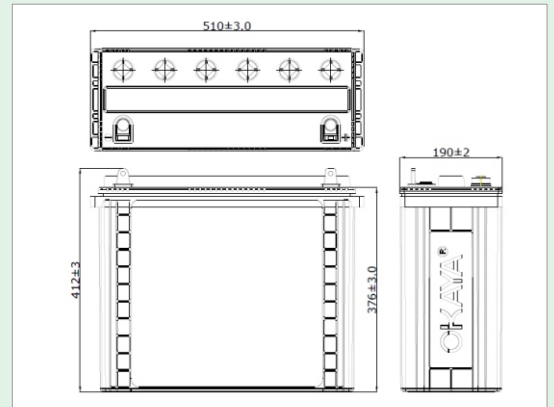




BATTERY DIMENSIONS



SPECIFICATION

Nominal Voltage		12 V
Capacity (20HRS, 27°C)		220 AH
Dimension	Length (±3mm)	510 mm (20.07 inch)
	Width (±3mm)	190 mm (7.48 inch)
	Total Height (±3mm)	412 mm (16.22 inch)
Approx Net Weight (±3%)		66 Kg (145.50 lbs)
Design Life		5 ~ 7 Years

CHARACTERISTICS

Capacity (@27°C)	20 HRS Rate	220AH
	10 HRS Rate	176AH
	5 HRS Rate	150AH
Nominal Backup @ 400 watt (27°C)		240min
AH Efficiency (%)		93.43
Wh Efficiency (%)		80.66
Self Discharge (27°C)	3 Month Storage	Remaining Capacity: 90%
	6 Month Storage	Remaining Capacity: 80%
Operating Temperature Range	Discharge	-15°C ~ 50°C
	Charge	-15°C ~ 50°C
	Storage	-15°C ~ 40°C
OCV at 100% SOC		12.60 - 12.70
Charge Methods (CV Charge - 27°C) Cyclic Use	Cycle Use 14.4 to 14.6 volt	
	Max. Current 22A	
	Temp Compensation 15mV/°C	
Charge Methods (CV Charge - 27°C) Float Use	Standby Use 13.5 to 13.8 volt	
	Max. Current 22A	
	Temp Compensation 15mV/°C	

TECHNICAL FEATURES

- 1) HADI TALL Tubular Technology
- 2) Uniform micro hardness of Spine Grid
- 3) Corrosion Resistant
- 4) Long Life
- 5) Highest Reliability and Consistant Backup
- 6) Very Low Self Discharge
- 7) Suitable for deep cyclic applications

APPLICATIONS



UPS



Telecom Communication Equipments



Fire Alarm & Security Systems



Medical Instruments



Computer Backup



Electronic PABX system

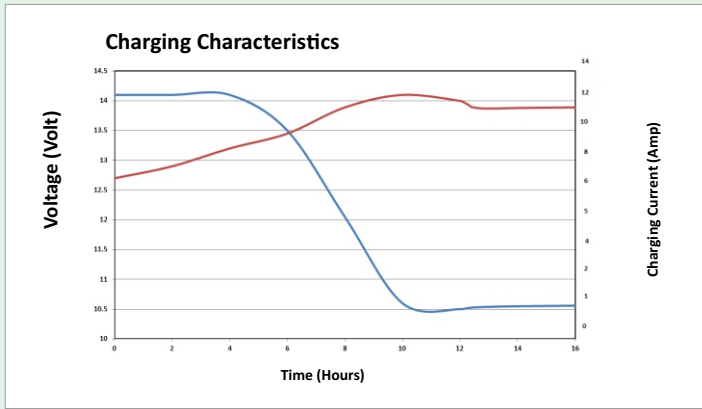


Power plant and substations

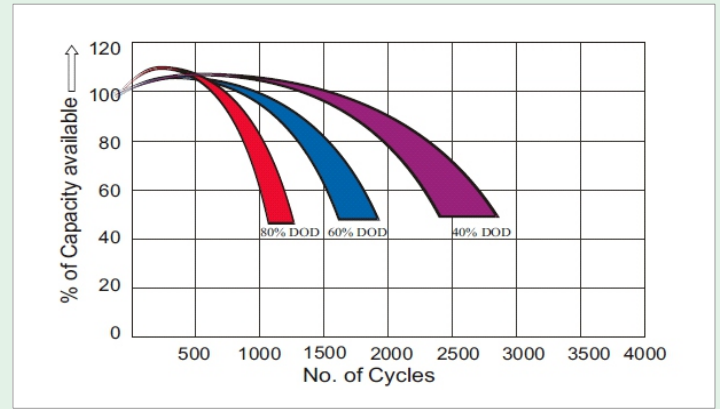


Process instrumentation and control

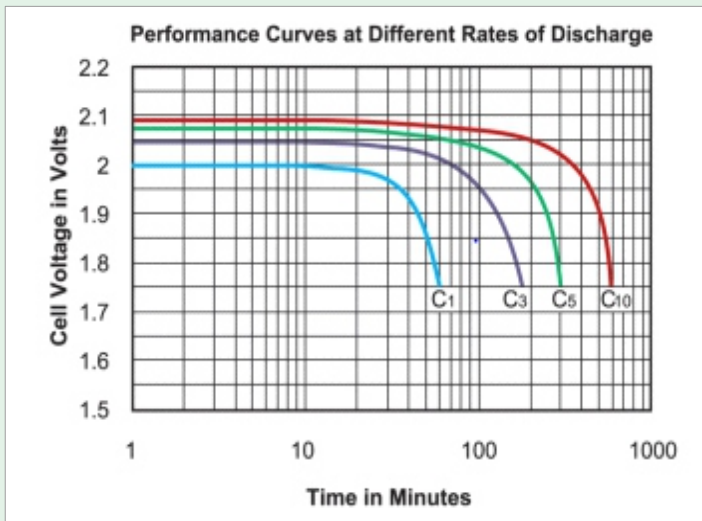
FLOAT CHARGING CHARACTERISTICS



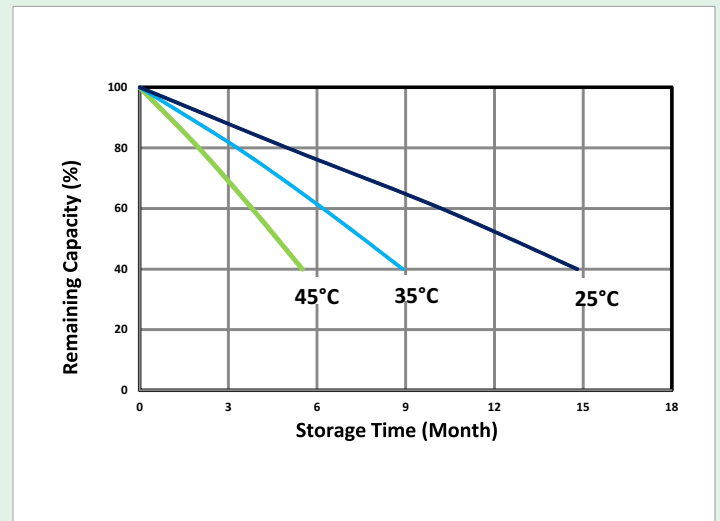
CYCLE SERVICE LIFE @ 27 °C



DISCHARGE CHARACTERISTICS



SELF DISCHARGE CHARACTERISTICS



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