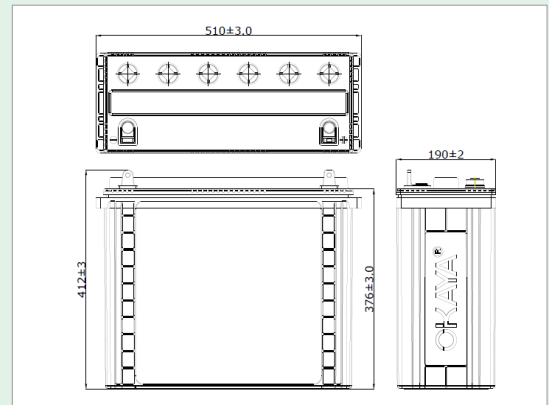




## BATTERY DIMENSIONS



## SPECIFICATION

Nominal Voltage	12 V	
Capacity (20 hrs, 27°C)	230 Ah	
Dimension	Length (±3mm)	510 mm (20.07 inch)
	Width (±3mm)	190 mm (7.48 inch)
	Height (±3mm)	376 mm (14.80 inch)
	Total Height (±3mm)	412 mm (16.22 inch)
Approx Net Weight (±3%)	65.6 Kg (144.62 lbs)	
Approx Gross Weight (±3%)	67.1 Kg (147.93 lbs)	
Design Life	5 ~ 7 Years	

## CHARACTERISTICS

Capacity (@27°C)	20 hrs Rate	230 Ah
	10 hrs Rate	185 Ah
	5 hrs Rate	155 Ah
Nominal Backup @ 400 watt (27°C)		325 min
Ah Efficiency (%)		93.53
Wh Efficiency (%)		80.76
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 23A	
	Temp Compensation 15mV/°C	
Charge Methods (CV Charge 27°C) Float Use	Standby Use 13.5 to 13.8 volt	
	Max. Current 23A	
	Temp Compensation 15mV/°C	

## TECHNICAL FEATURES

- 1) Xtra Backup Design (XBD)
- 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
- 8) Ultra-low maintenance

## APPLICATIONS



Home UPS/Solar



Telecom Communication Equipments



Fire Alarm & Security Systems



Medical Instruments



Computer Backup



Electronic PABX system

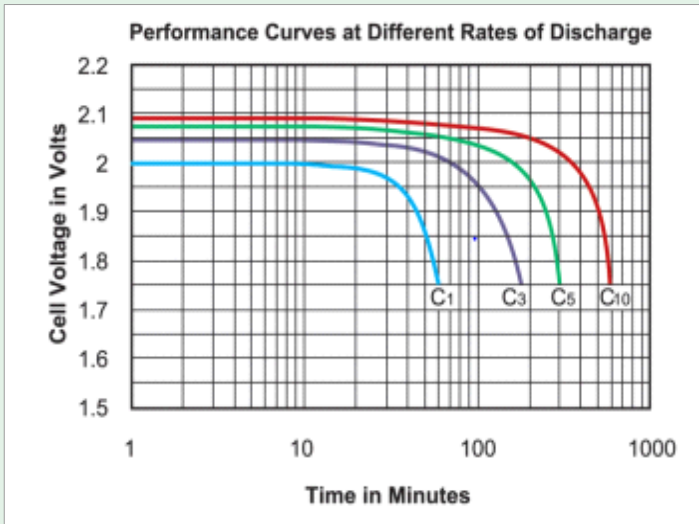


Power plant and substations

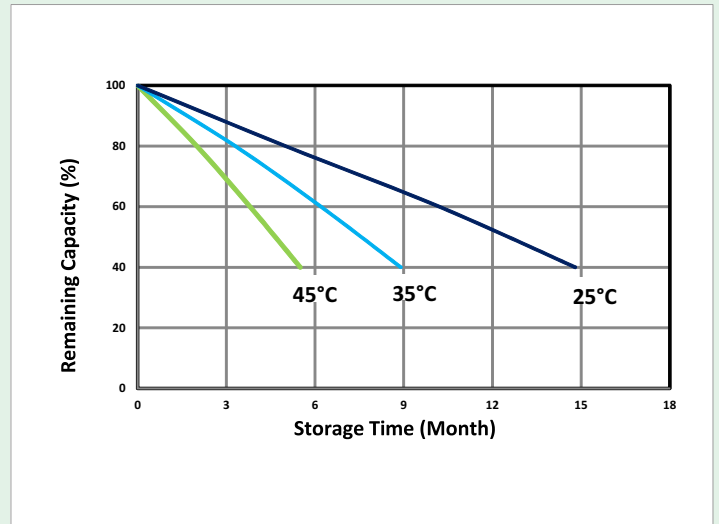


Process instrumentation and control

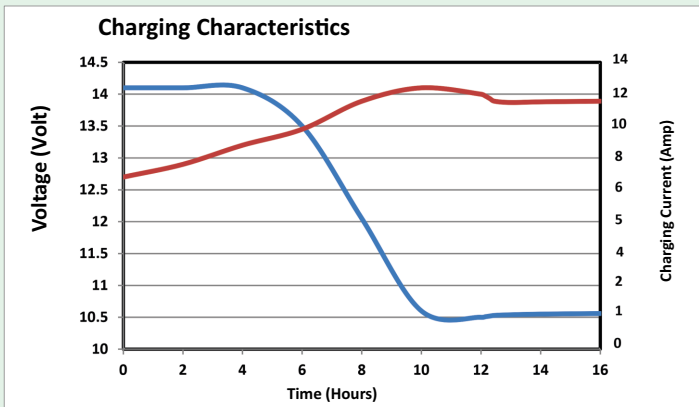
## DISCHARGE CHARACTERISTICS



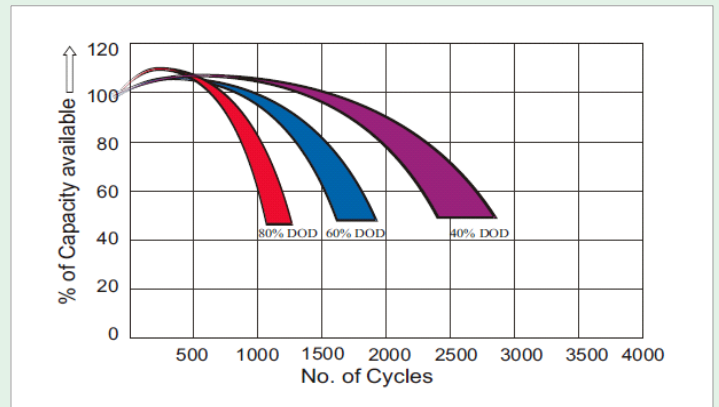
## SELF DISCHARGE CHARACTERISTICS



## FLOAT CHARGING CHARACTERISTICS



## CYCLE SERVICE LIFE @ 27°C



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