

DEEP CYCLE **TUBULAR BATTERY** FOR SOLAR & INVERTER

**GERMAN
TECHNOLOGY**



**Ultra Low
Maintenance**



**Extra
Long Backup**



**Quickest
Charge**

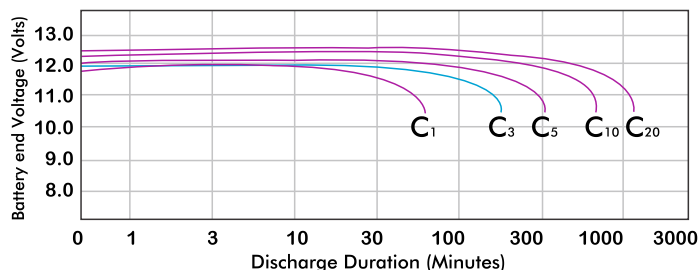
ADVANTAGE :-

- Quick charge acceptance.
- Suitable for frequent power cuts.
- Batteries test by Bitrode life cycle tester.
- Heavy duty tubular battery design.
- Wide Range, Very low maintenance & long life.
- Specific gravity $1.240 \pm 0.5\%$.
- Bulk Voltage 14.4-14.8 @ 27°C.
- Float Voltage 13.4-13.8 @ 27°C.
- Designed for long life 1250 + life cycle @ 80% DOD.
- Acid voltage per ampere hour is 40% more than other batteries.

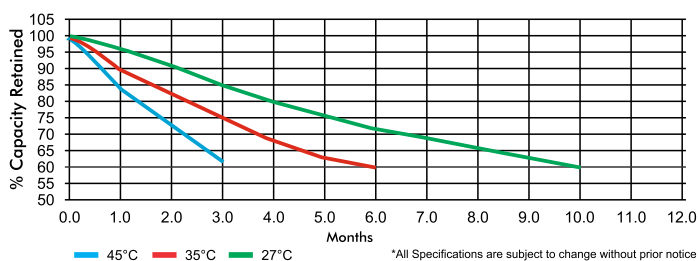
SILVER CALCIUM INSIDE



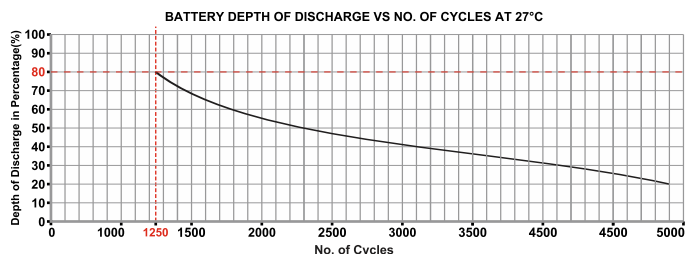
DISCHARGING CHARACTERISTICS



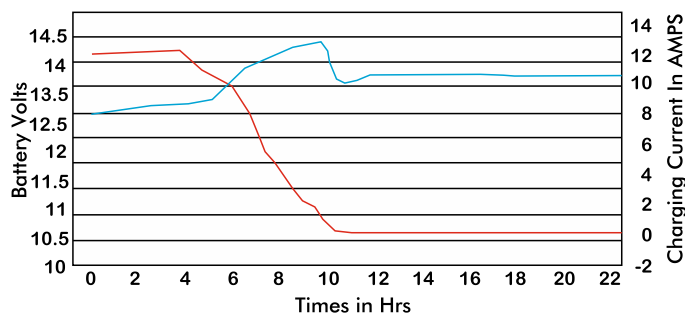
SELF DISCHARGING CHARACTERISTICS*



BATTERY LIFE (TUBULAR BATTERY)



CHARGING CHARACTERISTICS*



SILENT FEATURE

- Extra thick tubular plates with superfine grain structure, minimize grid corrosion at high temperature.
- Design as bigger electrolyte reserve volume ensure less topping up required during service life, once in a year.
- Batteries are designed to withstand frequent & long power cuts with quick recharge adaptability.
- Eco friend micro porous ceramic vent cum floating indicator to reduce topping up frequently & to ensure no acidic fumes.
- High efficiency grid design for enhanced performance.
- PE-DARAMIC envelope, separator ensuring long life.
- Low antimony lead alloy hence low self discharge.
- Compact Battery design, require less floor space.
- Deep cycle design.

SOLAR BATTERY SPECIFICATION

Model	Capacity @ C20	Dimension (mm)			Wet Weight Kg. (± 1.5%)	Gross Weight Kg. (± 1.5%)
		Length(± 3mm)	Width(± 3mm)	Height(± 3mm)		
EPL 15000	150AH-12V	505	190	410	57.5	59
EPL 20000	200AH-12V	505	190	410	62.84	64.24
EPX 24000	240AH-12V	505	190	410	70.66	72.06

*All Specifications are subject to change without prior notice

CONSTANT POWER DISCHARGE PERFORMANCE**

Model	Maximum Duration at				
	500W	400W	300W	200W	100W
EPL 15000	2Hr: 10Min	3Hr: 15Min	4Hr: 35Min	7Hr: 00Min	16Hr: 30Min
EPL 20000	3Hr: 10Min	4Hr: 15Min	6Hr: 15Min	10Hr: 15Min	23Hr: 15Min
EPX 24000	4Hr: 5Min	5Hr: 10Min	7Hr: 30Min	12Hr: 30Min	29Hr: 30Min

**All test data based on stabilized battery capacity on a NEW battery, under controlled laboratory test conditions

