

SPECIFICATION: CG12-100X (12V100Ah)

Gel battery shows some distinctive advantages over flooded battery or AGM battery, such as super thermal stability, high deep discharge capability, good recovery from deep discharge, even if the battery is left discharged for thirty days, it will still recover to 100% of capacity. With the above-mentioned advantages, the gel battery has long service life, is specially suitable for motive power applications, such as golf trailer, scrubber, forklift, etc. The deep discharge cycles increased 50% as compared with the AGM battery.

GENERAL FEATURES

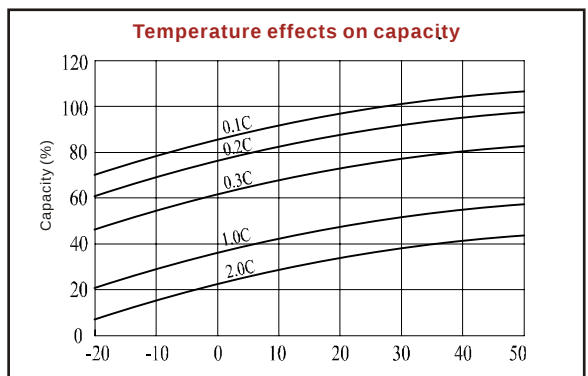
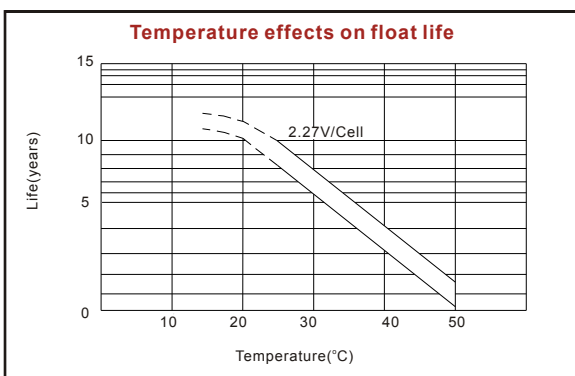
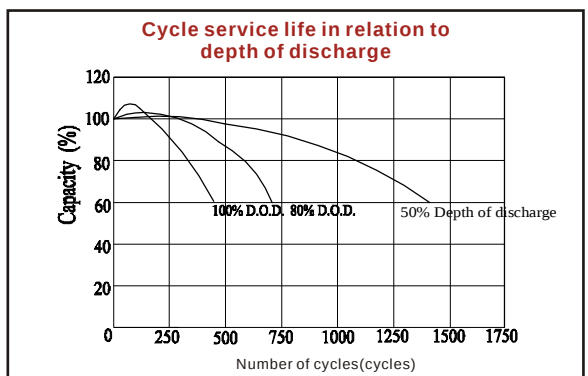
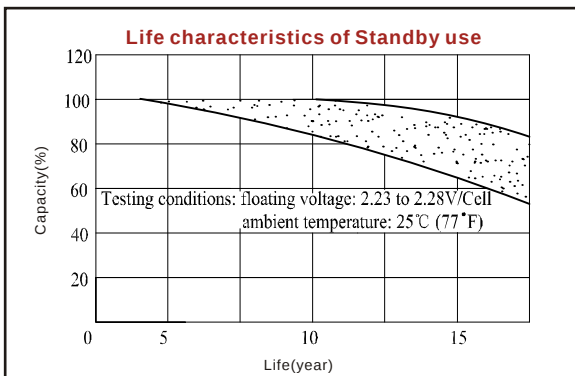
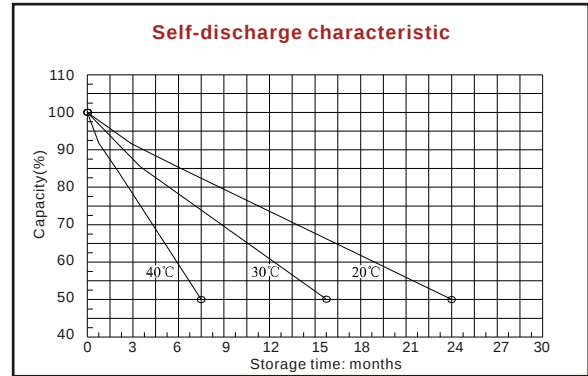
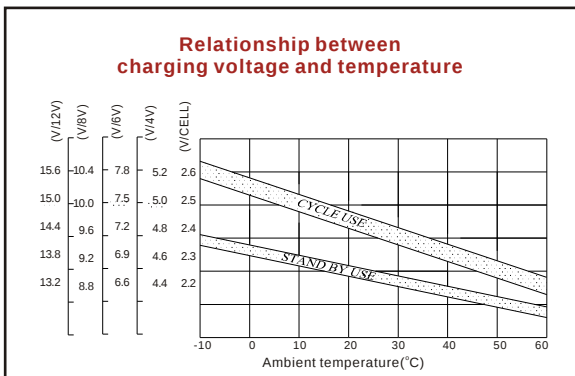
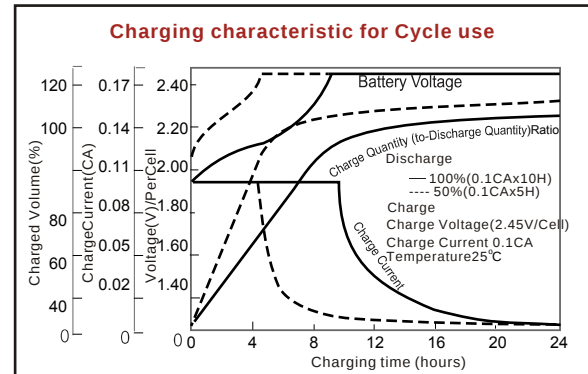
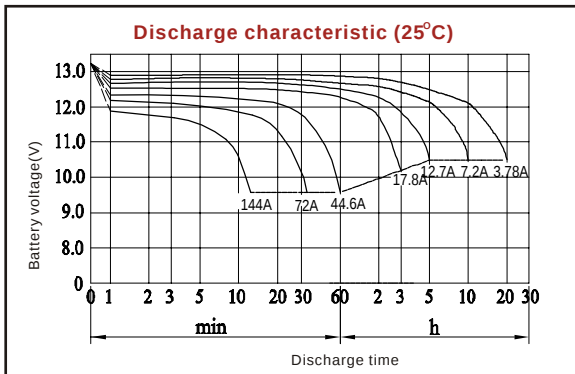
- ┆ Micro millimeter SiO₂ and H₂SO₄ gelled electrolyte technology for efficient gas recombination of up to 99% and freedom from electrolyte maintenance or water adding.
- ┆ Not restricted for air transport-complies with IATA/ICAO Special Provision A67.
- ┆ UL-recognized component.
- ┆ Can be mounted in any orientation.
- ┆ Computer designed lead, calcium tin alloy grid for high power density.
- ┆ Long service life, float or cyclic applications.
- ┆ Maintenance-free operation.
- ┆ Low self discharge.
- ┆ Case and cover available in both standard and flame retardant ABS.

	Positive plate	Negative plate	Container	Cover	Safety valve	Terminal	Separator	Electrolyte
Raw material	Lead dioxide	Lead	ABS	ABS	Rubber	Copper	Fiberglass	Gelled acid

TECHNOLOGY PARAMETER

Battery model	CG12-100X			
Nominal voltage	12V			
Number of cell	6			
Capacity (25℃)	20hR(5.3A, 10.8V)	10hR(10.0A, 10.8V)	5hR(17.5A, 10.5V)	1hR(66.2A, 9.60V)
	106Ah	100Ah	87.5Ah	66.2Ah
Dimensions Max.	Length	Width	Height	Total Height
	330 ± 1 mm	171 ± 1 mm	215 ± 1 mm	220 ± 1 mm
Approx. weight	29 Kg (63.93lbs) (Weight deviation: ± 3%)			
Internal resistance	Full charged at 25℃: ≤ 5.7mOhms			
Self discharge	3% of capacity declined per month at 20℃ (average)			
Operating temperature range	Discharge	Charge	Storage	
	-20～60℃	-10～60℃	-20～60℃	
Max. discharge current (25℃)	900A (5s)			
Short circuit current	2100A			

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Battery and terminal dimensions

