

790AH 2V Tubular Gel Battery



With superior cyclic life compared to lead acid batteries, tubular gel batteries are some of the best batteries available for projects that require reliable, long lasting batteries. Includes 1 battery connector with copper conductor.

Main Technical Advantages

- Plate: Positive plate adopts tubular plate which can prevent active material falling, and adopts multi-component alloy frame. Fine corrosion-resisting performance and long service life. Negative plate adopts special radiated structure.
- Separator: Special micro-pore PVC-SiO₂ separator from European AMER-SIL Company. The separator has large porosity and low resistance.
- Electrolyte: Germany gas silicon dioxide, electrolyte in Gel state in the battery, which inhibits any acid leakage.
- Safety valve: Adopts German technology, accumulator case expansion, mitigating potential damage and electrolyte dry up can be avoided.

Applications

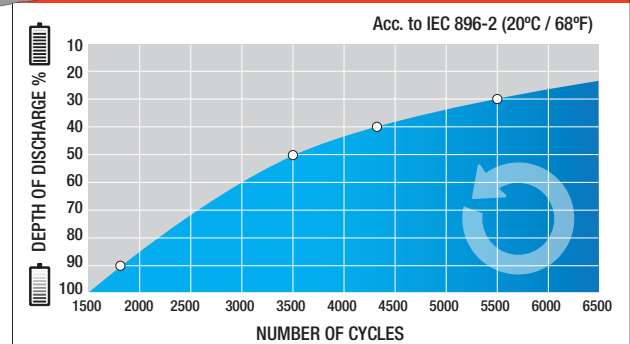
- Solar energy, wind energy
- Electric power, nuclear power
- Communication
- Ship, maritime affairs
- UPS, medical facilities and emergency lighting
- Better safety performance and reliability
- Designed service life of 20 years

| Specifications | 2V 790Ah Tubular Gel |
|------------------------------|---|
| Nominal Voltage | 2V |
| Capacity | 790.0Ah@100hr to 1.85V/cell |
| Dimensions | Length: 145mm Width: 206mm Container Height: 646mm Total Height (with terminals): 681mm |
| Weight | Approx. 46.0kg |
| Container Material | ABS |
| Rated Capacity (F.V=1.85VPC) | C100 = 790(Ahr) C48 = 750(Ahr) C24 = 674(Ahr) C10 = 600(Ahr) |
| Max. Discharge Current | 2500A (5s) |
| Internal Resistance | Approx 0.33mΩ |
| Operating Temp. Range | Discharge : -20~55°C Charge : 0~40°C Storage : -20~50°C |
| Cycle Use / Bulk Charge | Initial Charging Current less than 120.0A Voltage 2.37V~2.40V at 25°C Temp. Coefficient -5mV/°C |
| Standby Use / Float Charge | No limit on Initial Charging Current Voltage 2.25V~2.30V at 25°C Temp. Coefficient -3mV/°C |
| Self-discharge | <2% per month @ 20°C |



2V TUBULAR GEL BATTERIES

LIFE CHARACTERISTICS OF CYCLIC USE



**3 YEAR FULL REPLACEMENT WARRANTY WITH
48 MONTH PRO-RATA REPLACEMENT WARRANTY**