



GFMJ (OPzV) VRLA gel battery



Shoto GFMJ VRLA gel battery

The Shoto gel batteries use a Germany gas silicon dioxide electrolyte injected to each cell to in ensure complete coverage of the plates. The positive is a tubular plate design with dense active material, the negative plate is a pasted grid with radiated design to allow full use of active material with heavy charge and discharge currents.

The separator is a special micro-pore PVC-SiO₂ separator from Europe AMER-SIL Company, the porosity is very good with very low resistance, with larger electrolyte storage space.

The battery case is made of ABS with good corrosion prevention, high strength.

The built in copper core lead based terminal post has a stronger current carrying capacity and corrosion resistance, the unique double sealing structure of the terminal post can effectively avoid leakage, to guarantee reliability of the terminal post sealing.

Shoto have adopted Germany technology for the safety valve, constant opening and closing the valve pressure, high reliability.

Model	Voltage	Rated capacity C5	Rated capacity C20	Rated capacity C100	Length mm	Width mm	Height mm	Weight Kg
GFMJ-500	2v	500ah	550ah	660ah	166	206	502	39.5
GFMJ-600	2v	600ah	675ah	830ah	145	206	677	48.0
GFMJ-800	2v	800ah	890ah	1080ah	191	210	677	64.5

Features of application performance:

- > Battery capacity meter included
- > Battery inter links included
- > Design service life 20 years
- > High cycle service life
- > Better temperature resistance performance
- > Excellent deep cycle performance
- > Super low current discharge performance
- > Better high temperature performance
- > Stronger constant power discharge capability
- > Better charge reception capability
- > Better safety performance and reliability
- > Modular and personified installation design
- > High performance price ratio and low yearly operation cost
- > Eco-friendly, cycle application.

Standard

Q/321284KCC 01-2006
BS EN 61427-2002
YD/T 1360-2005
IEC60896-21/22 DIN40742

