

## VALVE REGULATED RECHARGEABLE BATTERY

State-of-the-art technology

### FT/FT-G Series:

#### SUMMARY:

FT Series battery is specially designed for telecom power systems, slim and compact design makes it fit the 19" or 23" cabinet of telecom power systems. FT Series utilize AGM technology, with 12 years designed life. Moreover, we supply FT-G Series, which utilize GEL technology, adopt PVC/PE separator, longer cyclic life than AGM battery, and better self-recovery capability after deep discharge, it is also good option for extreme temperature condition.

#### FEATURES:

- Sealed & Maintenance-free
- Safety Valve for Explosion-proof
- Wide operation temperature
- Compatible with 19" or 23" Cabinet
- Stronger grids assure higher reliability

#### CONSTRUCTION:

- Plates: Pasted Plates(Pb/Ca/Sn alloy)
- Separator: Microporous AGM for BS, PE/PVC for BS-G
- Container: ABS
- Electrolyte: Diluted Sulphuric Acid for BS, Nano Gel for BS-G
- Safety Valve: Rubber(EPDR), one way pressure release

#### ELECTRICAL PARAMETERS:

- Float charge voltage(25 °C): FT: 2.27~2.30V; FT-G: 2.27~2.30V
- Boost charge voltage(25 °C): FT: 2.43~2.47V; FT-G: 2.37~2.40V
- Temperature compensation: -3mV/°C/cell(float), -4mV/°C/cell(cyclic)
- Max. charging current: 0.3CA(FT); 0.2CA(FT-G)

#### CONFORM TO

- BS6290-4
- IEC60896-21/22
- IEC61427
- IEC60156

#### APPLICATION:

- Off-grid Solar/Wind System
- Uninterruptable Power Supply(UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Emergency lighting
- Data Center
- Oil and Gas
- Cable Television
- Medical Equipment
- Railway signal
- Aircraft signal
- Alarm and Security System
- Electronic equipment
- Communication Power Supply
- Auto control system



## Capacity Range:40-200Ah

### General Specifications

Model	Voltage	Capacity	Dimension(mm)				Terminal	Weight
	(V)	(AH)	Length	Width	Height	Total Height		±4%(Kg)
FT12-40	12	40	277	106	222	222	T11	15.5
FT12-55	12	55	291	106	230	230	T11	18
FT12-75	12	75	563	114	188	188	T6	26
FT12-90	12	90	563	114	188	188	T6	26.5
FT12-100	12	100	508	111	236	236	T14	30
FT12-100F	12	100	395	110	286	286	T14	32
FT12-100S	12	100	410	109	285	293	T9	31
FT12-105	12	105	508	111	236	236	T14/T8	32.5
FT12-110	12	110	410	109	285	293	T9	33
FT12-125	12	125	551	110	287	287	T20	36
FT12-150	12	150	565	110	288	296	T9	43.5
FT12-180	12	180	560	125	316	316	T9	52
FT12-185	12	185	560	125	316	316	T9	56
FT12-200	12	200	550	126	330	330	T5	62

FT12-55G	12	55	291	106	230	230	T11	18
FT12-90G	12	90	563	114	188	188	T6	26.5
FT12-105G	12	105	508	111	236	236	T17/T8	32.5
FT12-110G	12	110	410	109	285	293	T9	33
FT12-150G	12	150	565	110	288	296	T9	43.5
FT12-180G	12	180	560	125	316	316	T9	52