

# FTC Series

## Front Terminal Cycle Battery



### Main Applications

- ▶ Renewable energy (wind & solar) site
- ▶ Off-grid & poor-grid environment
- ▶ Communication and signal systems
- ▶ UPS and emergency illumination
- ▶ IDC

### Benefits

- ▶ Reduce operational cost (less cooling consumption)
- ▶ Reduce CO<sub>2</sub> emission
- ▶ Deep cycle rate life ≥ 1500 (at 25°C, 60%DOD)  
& 1350 (at 35°C, 60%DOD)
- ▶ Good floating life performance and extremely high cyclic life

### Technical Features

- ▶ Best performance for continuous operation up to 35°C
- ▶ Using advanced lead carbon technology, reduce the cathode sulphation
- ▶ Front terminal connections for fast and easy installation and maintenance
- ▶ Horizontal structure design, delay electrolyte stratification, extend battery service life



SHOTO FTC series is a new product in the SHOTO battery family. This product has been designed for high temperature and deep cycle application, based on international advanced technology.

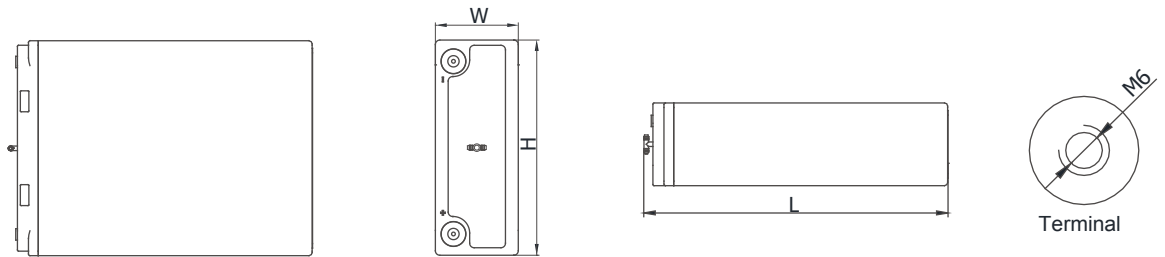
With special grid design, corrosion-resistant alloy material, horizontal design, FTC battery avoid density stratification problem of acid solution and eliminating grid corrosion and passivation caused by density stratification. FTC battery devote itself to protect our Environment and Human with green clean energy and natural resources used effective.

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## Drawings



## Specification



	FTC-100	FTC-150	FTC-170
Nominal Voltage(V)	12	12	12
Length(mm)	400	552	552
Width(mm)	110	125	125
Height (mm)	286	310	310
Total Height(mm)	286	310	310
10hr Capacity(Ah, 25°C)	100	150	170
10hr Capacity(Ah, 35°C)	103	155	175
Terminal	M6	M6	M6
Terminal Torque(Nm)	9~11	9~11	9~11
Internal Resistance (mΩ)	5.5	5.5	5.2
Short Circuit Current(A)	1659	1659	1804
Weight(kg)	35.5	56	58