

Lead-Acid Replacement Battery



Product Features:

Renowned as the safest lithium battery material in the industry:

- Compact size, lightweight, high energy density, and environmentally friendly.
- Exceptional cycle life of over 5000 cycles, approximately 10 times longer than lead-acid batteries.
- Supports high-rate discharge with built-in PCM and BMS for protection against overcharge, overdischarge, overcurrent, short circuits, and extreme temperatures.
- Reliable performance across a wide operating temperature range.
- Compatible with various lead-acid plastic shell sizes.
- Allows for parallel use of multiple battery packs.
- Configurable communication function for intelligent battery pack management.

Model Examples:

| Model | Charge Current | Charge Voltage | Discharge Current | Discharge Cut-off Voltage |
|------------|----------------|----------------|-------------------|---------------------------|
| 6.4V6Ah | 1.2A | 7.3V | 6.0A | 5.0V |
| 6.4V7Ah | 1.4A | 7.3V | 7.0A | 5.0V |
| 12.8V6Ah | 1.2A | 14.6V | 6.0A | 10.0V |
| 12.8V7.5Ah | 1.5A | 14.6V | 7.5A | 10.0V |
| 12.8V12Ah | 2.4A | 14.6V | 12A | 10.0V |
| 12.8V20Ah | 4.0A | 14.6V | 20A | 10.0V |
| 12.8V24Ah | 4.8A | 14.6V | 24A | 10.0V |
| 12.8V30Ah | 6.0A | 14.6V | 30A | 10.0V |
| 12.8V42Ah | 8.4A | 14.6V | 42A | 10.0V |
| 12.8V54Ah | 10.8A | 14.6V | 54A | 10.0V |
| 12.8V60Ah | 12.0A | 14.6V | 60A | 10.0V |
| 12.8V84Ah | 16.8A | 14.6V | 80A | 10.0y |
| 12.8V100Ah | 20.0A | 14.6V | 100A | 10.0V |
| 12.8V200Ah | 40.0A | 14.6V | 100A | 10.0V |
| 12.8V300Ah | 60.0A | 14.6V | 150A | 10.0V |

Replacement:

- Plug-and-play design for easy replacement and maintenance.

Applications:

- Ideal for industrial, commercial, and residential use.
- Supports multiple-module connections up to megawatt scale.
- Suitable for renewable energy systems.



Energy Storage System



Solar System



Solar Street Light



Electric Vehicle



Medical Treatment



Telecommunications



Robot



UPS



Emergency Light



Household Appliances

FOYA GROUP LIMITED

Tel: +86 136 8262 8705

Web: www.foyasolar.com/ www.foyabattery.com

Add: 502, Building 1, Yaofengtong Industrial Park, Longhua District, Shenzhen, China

