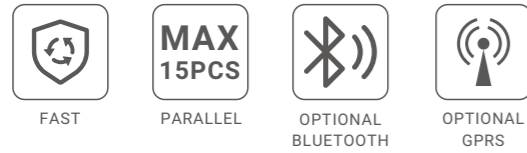


# Replace GEL battery Energy Storage Lithium Battery



This series adopts high-quality lithium iron phosphate batteries, equipped with intelligent BMS battery management system, long cycle life, high safety performance, beautiful appearance, free combination and convenient installation. LCD display, visualization of battery operating data. Compatible with most solar inverters, providing efficient energy for photovoltaic off-grid households, commercial and other electrical equipment.

| Specification              | 12V5AH                             | 12V8AH      | 12V10AH     | 12V20AH     | 12V30AH     | 12V50AH       |
|----------------------------|------------------------------------|-------------|-------------|-------------|-------------|---------------|
| Capacity                   | 75Wh                               | 102Wh       | 128Wh       | 256Wh       | 384Wh       | 640Wh         |
| Standard discharge current | 2.5A                               | 4A          | 5A          | 10A         | 15A         | 25A           |
| Max. discharge current     | 5A                                 | 8A          | 10A         | 20A         | 30A         | 50A           |
| Working voltage range      | 10-14.6V                           | 10-14.6V    | 10-14.6V    | 10-14.6V    | 10-14.6V    | 10-14.6V      |
| Standard Voltage           | 12.8V                              | 12.8V       | 12.8V       | 12.8V       | 12.8V       | 12.8V         |
| Max. charging voltage      | 14.6V                              | 14.6V       | 14.6V       | 14.6V       | 14.6V       | 14.6V         |
| Cycle                      | 3000~6000 cycles@DOD 80%/25°C/0.5C |             |             |             |             |               |
| Working humidity           | 65±20%RH                           |             |             |             |             |               |
| Operating temperature      | -10~+50°C                          |             |             |             |             |               |
| Working altitude           | ≤2500m                             |             |             |             |             |               |
| Cooling method             | Natural cooling                    |             |             |             |             |               |
| Installation               | IP65                               |             |             |             |             |               |
| Product Size               | 152*65*98mm                        | 152*65*98mm | 152*65*98mm | 265*70*90mm | 265*70*90mm | 255*165*215mm |
| Net weight                 | 0.9Kg                              | 1.2Kg       | 1.5Kg       | 3.2Kg       | 4.5Kg       | 9Kg           |

| Specification              | 12V100AH                           | 12V200AH      | 12V300AH      | 24V50AH       | 24V100AH      | 24V200AH      |
|----------------------------|------------------------------------|---------------|---------------|---------------|---------------|---------------|
| Capacity                   | 1.28KWh                            | 2.56KWh       | 3.84KWh       | 1.28KWh       | 2.56KWh       | 5.12KWh       |
| Standard discharge current | 50A                                | 50A           | 50A           | 25A           | 50A           | 50A           |
| Max. discharge current     | 100A                               | 100A          | 100A          | 50A           | 100A          | 100A          |
| Working voltage range      | 10-14.6V                           | 10-14.6V      | 10-14.6V      | 20-29.2V      | 20-29.2V      | 20-29.2V      |
| Standard Voltage           | 12.8V                              | 12.8V         | 12.8V         | 25.6V         | 25.6V         | 25.6V         |
| Max. charging voltage      | 14.6V                              | 14.6V         | 14.6V         | 29.2V         | 29.2V         | 29.2V         |
| Cycle                      | 3000~6000 cycles@DOD 80%/25°C/0.5C |               |               |               |               |               |
| Working humidity           | 65±20%RH                           |               |               |               |               |               |
| Operating temperature      | -10~+50°C                          |               |               |               |               |               |
| Working altitude           | ≤2500m                             |               |               |               |               |               |
| Cooling method             | Natural cooling                    |               |               |               |               |               |
| Installation               | IP65                               |               |               |               |               |               |
| Product Size               | 255*165*215mm                      | 480*165*240mm | 515*235*225mm | 305*165*215mm | 480*165*240mm | 635*245*220mm |
| Net weight                 | 16Kg                               | 28Kg          | 45Kg          | 20Kg          | 30Kg          | 40Kg          |