



# Energy Storage Lithium Battery



FAST



PARALLEL



**ES** 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. 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	1000~3000 cycles@DOD 80%/25°C/0.2C					
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*98*98mm	152*98*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	340*185*240mm	515*235*225mm	305*165*215mm	480*165*240mm	635*245*220mm
Net weight	9.9Kg	19.1Kg	45Kg	20Kg	30Kg	40Kg