

Smart Stackable Battery

Product Introduction

- LiFePO4-Lithium Iron Phosphate Battery
- Rechargeable Li-ion Battery system
- The internal battery pack is 51.2V, 100Ah



Product Features

User-friendly

- Modular design and stacked installation, plug and play
- Extendable by mixing new and existing batteries
- One-button battery operation

Efficiency

- Extremely low battery self-consumption in sleep mode
- Active battery balancing of 100% SOC in 2 hours
- Store up to 2 years without charging

Safe & Reliable

- IP65 rated design
- 5-layer battery safety protection
- Lithium iron phosphate(LFP) battery

Technical Parameters

Model	PW-BTS E5-DS5	PW-BTS E10-DS5	PW-BTS E15-DS5	PW-BTS E20-DS5
Battery Type	LiFePO4			
Layer	1	2	3	4
Battery Capacity (System Energy)	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Nominal Voltage	51.2V	102.4V	153.6V	204.8V
Voltage Range	45.6~56.8V	91.2~113.6V	136.8~170.4V	182.4~227.2V
Battery Capacity (Ah)	100Ah			
Recommended Charge/Discharge Current	50A			
Max. Continuous Charge/Discharge Current	100A			
Dimension (W×D×H mm)	708x170x680	708x170x1100	708x170x1520	708x170x1940
Net Weight	59kg	110kg	161kg	212kg
Depth of Discharge (DoD)	95%			
Cycle Life	≥6000			
Ingress Protection	IP65			
Communication	RJ45(RS485/CAN) /USB(RS485)			
Operating Temperature	Charge 0~50°C/ Discharge -10~50°C			
Cooling	Natural Cooling			
Installation	Floor Standing			
Parallel Expansion	4~15 units			
Certificates	UN 38.3,IEC 62619,IEC 62040-1,SAA.etc			