

BPW SERIES (WALL MOUNTED)

■ PRODUCT INTRODUCTION

The product adopts modular design, higher integration, saves installation space, adopts high-performance lithium iron phosphate positive electrode material, the battery cell has good consistency, and the designed service life is more than 10 years; one-key switch machine, front operation, front wiring, easy installation and over-discharge protection, short-circuit protection, strong compatibility, seamless connection with UPS, photovoltaic power generation and other main equipment; various forms of communication interactions, CAN/RS485, etc. can be customized according to customer needs, which is convenient for remote monitoring and flexible use of the system. High-energy, low-power lithium-ion battery equipment achieves higher energy supply, lower energy consumption, and reduces environmental pollution; all-round, multi-level battery protection strategies and fault isolation measures are adopted to ensure the safe operation of the system.



■ PERFORMANCE CHARACTERISTICS

- Wall-hanging installation, save space
- Multiple in parallel, easy for expand, Automatic addressing, no need to dial a code
- Standard configuration with LCD display, real time knowing battery status, Screen direct selection of inverter communication
- Environmentally friendly non-polluting materials, free of heavy metals, green and environmentally friendly
- Standard cycle life is more than 6000 times
- Remote viewing of errors and online software upgrades



■ TECHNICAL PARAMETERS

Type	BPW24-100	BPW24-200	BPW48-100	BPW48-200	BPW51-100	BPW51-200
Nominal voltage (V)	25.6		48		51.2	
Nominal capacity (AH)	100	200	100	200	100	200
Nominal energy capacity (KWh)	2.56	5.12	4.8	9.6	5.12	10.24
Operating voltage range (V)	2.4-29.2		42-54.75		44.8-58.4	
Recommended charging voltage (V)	27.6		51.75		55.2	
Standard charging current (A)	50	100	50	100	50	100
Maximum continuous charging current (A)	100	200	100	200	100	200
Standard discharging current (A)	50	100	50	100	50	100
Maximum continuous discharging current (A)	100	200	100	200	100	200
Cooling method	Natural cooling					
Operating temperature	-30-60°C					
Relative humidity	<95%					
Storage temperature	10-35°C					
Protection degree	IP20					
Life cycles	6000times@80% DOD					
Dimension (mm)	687*450*186		682*465*276		687*450*186	682*465*276
Weight (kg)	28	49	46	89	49	93