



Features:

- 1 Built in BMS system for protection
- 2 Integrated design for easy installation
- 3 Four charging modes available: Solar energy only, municipal power priority, solar energy priority and both hybrid charging
- 4 Certification: UN38.3/MSDS/IEC62619/CE
- 5 2 output modes of municipal power bypass and inverter output make sure all-day uninterrupted power supply;
- 6 Remote control and checking it working process
- 7 Intelligent energy storage and make most use of the energy

Product Specifications:

Model No	JT-ESS-BP100S16-F
Battery Type	LiFePO4
Nominal Voltage	51.2V
Max Hybrid Charging Current	80A
Battery Voltage Range	40Vdc~60Vdc±0.6Vdc
Operation Temperature	-10℃~55℃
Storage Temperature	-25℃~60℃
Protection Level	IP34/NEMA 4
Number of parallel units	1-6pcs
Size	48*85*17.8cm
Weight	52KG
Certification	CE(IEC62109-1)/CETL(UL1741C22.2 NO.107.1)/EN61000,C2



Solar input parameters

Max PV Open-circuit Voltage	500Vdc
PV operating voltage range	120-500Vdc
MPPT voltage range	120-450Vdc
Max PV input current	22A
Max PV input power	5500W
Max PV charge	80A

Electric Supply Input Parameters

Max Charging Current	60A
Rated Input Voltage	220/230Vac
Input Voltage Range	Ups Electric Supply Mode: (170Vac~280Vac)±2% Apl Generator Mode: (90Vac~280Vac)±2
Charging Efficiency	>95%
Conversion Time (Bypass And Inverter)	10ms (Typical Value)
Maximum Bypass Overload Current	40A

AC output parameters

Output Voltage Waveform	Pure Sine Wave
Rated Output Voltage (Vac)	230vac(200/208/220/240vac)
Rated Output Power (Va)	5000(4350/4500/4750/5000)
Rated Output Power (W)	5000(4350/4500/4750/5000)
Peak Power	10000va
On-Load Motor Capacity	4hp
Output Frequency Range (Hz)	50hz±0.3hz/60hz±0.3hz
Maximum Efficiency	>92%
No-Load Loss	Ups Electric Supply Mode: (170Vac~280Vac)±2% Apl Generator Mode: (90Vac~280Vac)±2