



Joy Sunny Day With JSD

[7.2KW+16KWH] ALL IN ONE SOLAR SYSTEM

Solar power inverter combined
PV controller & battery

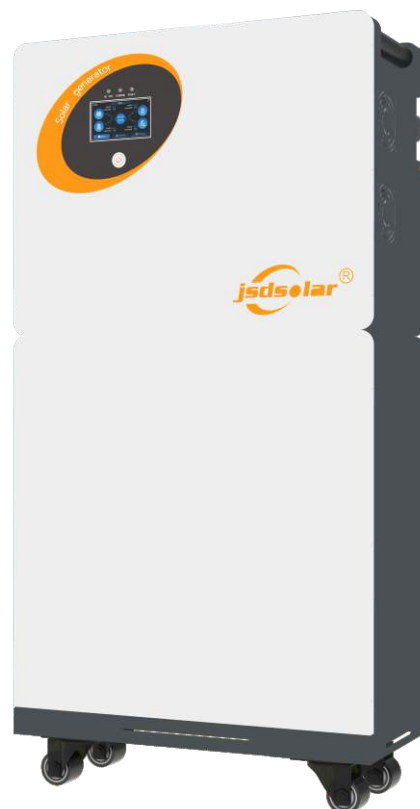
Split
phase
120V/240V

Fully
charged in
2 hr

PV
9000W

Portable Solar Power System

- Clear and concise touchscreen display for easy viewing of operating status and parameter settings.
- Stackable design simplifies complex wiring, facilitating connection, use, and troubleshooting.
- High-frequency solar inverter; lithium iron phosphate battery with a 6000-cycle lifespan.
- MPPT solar charge controller, maximum power **9kW**/dual photovoltaic input.
- Battery parallel design supports expanded battery capacity.

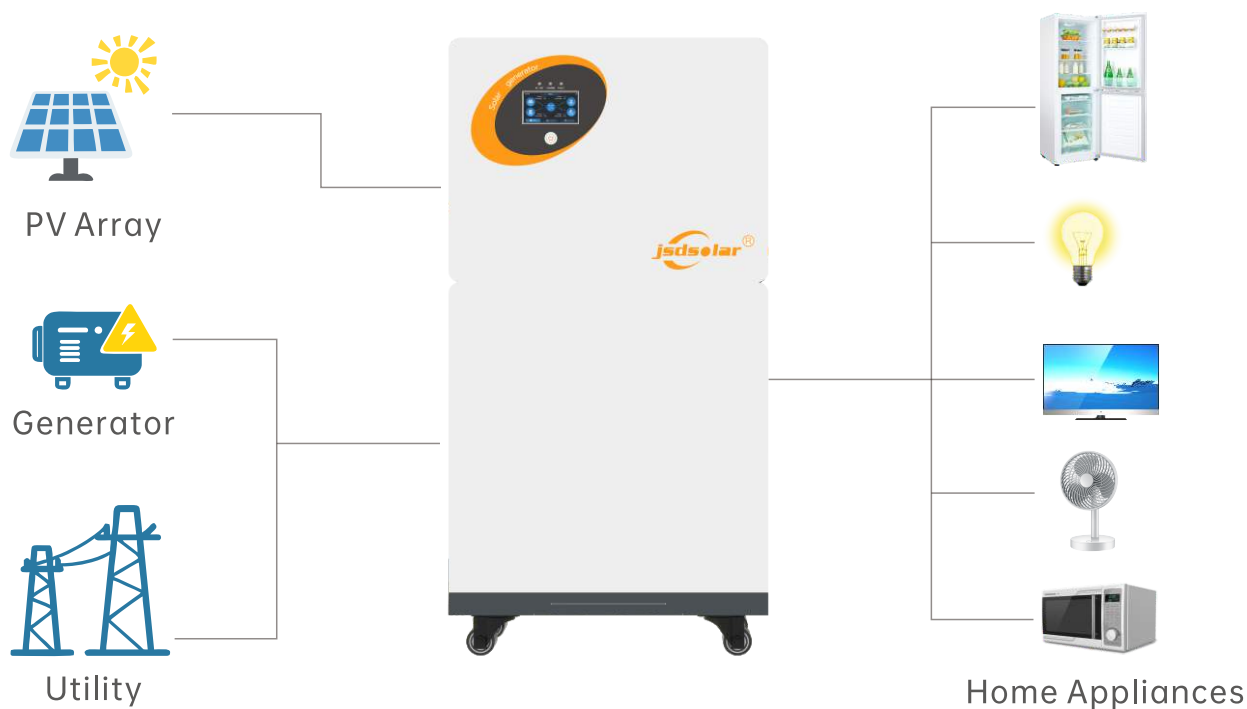


Up to 15 batteries can be added



The working principle of the product

Simple, highly efficient, safe and reliable







Joy Sunny Day With JSD

Office backup power supply [7.2KW+16KWH]



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[7.2KW+16KWH] OUTDOOR MOBILE POWER USAGE

Split
phase
120V/240V

Fully
charged in
2 hr

PV
9000W



Technical Specification

Model		AU.P7K2B16
Battery rated voltage		51.2VDC
Battery Capacity		16KWH
Inverter	Max AC input power	11KW
	AC input voltage	120(L1/N, L2/N)/240Vac(L1/L2)
	AC max charging current	120A
	Rated output power	7.2KW
	Rated output voltage	120Vac (L1/N, L2/N)/240Vac(L1/L2)
	Output frequency	50Hz±0.3Hz/60Hz±0.3Hz
PV Input	MPPT range @ operating voltage	90-450VDC
	PV input voltage range	60-500VDC
	Maximum PV input power/current	Single PV Input: 16A/4500W
		Dual PV Input:16A*2/9000W
	Max PV charging current	150A
	Max PV+AC charging current	150A
Temperature Control System		Intelligent Fan
Operating Ambient Temperature		-10~+60℃
Storage Ambient Temperature		-15~+60℃
Operating/Storage Ambient Humidity		5-95% Non-condensing
Inverter chassis dimensions/weight		560*390*235mm / 24KG
Inverter chassis packaging dimensions		650*400*210mm
Battery chassis dimensions/weight		560*665*235mm / 115KG
Battery chassis packaging dimensions		630*705*318mm
Overall size and weight of solar generator		560*1055*235mm / 139KG