

ALL-IN-ONE ENERGY STORAGE SOLAR SYSTEM

DAQIN
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May the power be with you



H8000 Series

DAQIN H8000 series all-in-one energy storage solution, support 1.5KW 3KW 5KW output for different load appliances. It's based on the original cabinet design, stacked with solar energy storage lithium battery 1.2kwh, 2kwh, 5kwh, and built in battery protection system, fully retain the use of load power in applications of residential, school, commercial and public utility area.

1500W / 5000W / 5000W
Pure sine wave inverter

1.5kwh / 2kwh / 5kwh Energy storage

4000+
Charge cycle

24/7
UPS Plug & play use



Includes pre-installed solar charging optimization module that functions as a maximum power point tracker (MPPT), resulting in up to 40% faster charge times.



With LiFePO4 lithium cells, known for stability and safety, monitored by a state-of-the-art battery management system that prevents over-charge, over-current, and short circuiting.



Built in Multi safety protection that include short circuit, overload and over-temperature and error code reporting.

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Specifications

MODEL		H8000-1524	H8000-3024	H8000-5024
Inverter	Rated power	1500W	3000W	5000W
	Output voltage waveform	Pure sine wave		
	Output voltage regulation	230Vac ±5%		
	Output frequency	50Hz / 60Hz (±0.2Hz)		
	Peak efficiency	90%		
	Nominal DC input voltage	12Vdc (±0.3)	24Vdc (±0.3)	24Vdc (±0.3)
Standby Consumption		< 25W		
PV Input	Max solar power input	1500W	3000W	5000W
	PV max charging current	60A (±3A)	60A (±3A)	60A (±3A)
	Combined charging current	70A (±4A)	80A (±4A)	80A (±4A)
	Max efficiency	98.0% max		
	PV array open circuit voltage	105VDC	145VDC	145VDC
	PV Array MPPT Voltage Range	15~105V	30~120VDC	30~120VDC
AC Input	AC input voltage	230Vac ±5%		
	Acceptable input voltage range	90-280VAC		
	Nominal input frequency	50Hz / 60Hz (Auto detection)		
	Transfer time	10ms typical (UPS, VDE); 20ms typical (APL)		
AC Charge	Charging current @ Nominal input voltage	10/20A (±4A)	20A/30A (±4A)	20A/30A (±4A)
	Charging Algorithm	4-step (Li)		
Output	AC output	230Vac		
	USB (5V 2.4A)	DC output*2pcs		
	USB (12V 1A)	DC output*1pcs		
Lithium Battery	Energy	1200Wh	3000Wh	5000Wh
	Nominal voltage	12.8V	25.6V	25.6V
	Standard charging & discharge current	50A	50A	100A
	Maximum continuous charging & discharge current	100A	100A	200A
	Operation temperature	Charge	0~45°C	
Discharge		-10~60°C		
Dimension	Product Size (LxWxH) (mm)	379*254*498.5	379*254*498.5	351*300*538.5
	Packing Size (LxWxH) (mm)	467*342*670	467*342*670	439*388*690
	Net Weight (kg)	24	31	39.5
	Gross Weight (kg)	35	42	55

The technical specifications of this document are subject to change without any notice