



ENERGY STORAGE INVERTER

EA SERIES



ENERGY STORAGE INVERTER EA 2000VA~11000VA

FEATURES



- Rounded corner design, exquisite appearance
- Multiple parameters can be adjusted according to user needs to adapt to different occasions
- Minimum PV Voltage 30V, more cost-effective to use
- Support lithium battery communication, external WIFI, generator self-start dry contact function
- Real-time display of actual load power greatly improves user perception
- Pure sine wave output, can adapt to different loads
- Output short-circuit protection function
- Power factor=1

APPLICATION



Commercial car park



Street lighting/monitoring



Family/greenhouse



Commercial/construction

EA SERIES

PARAMETERS

Model	EA2012EMH	EA3024EMH	EA4024EMH	EA6248EMH	EA8648EMH	EA11048EMH	
Input Formation	L+N+PE						
AC Input	220/230/240VAC						
Input Voltage Range	90-280VAC±3V(Normal Mode) 170-280VAC±3V (UPS Mode)						
Frequency	50/60Hz(Adaptive)						
Rated Power	1600W	3000W	4000W	6200W	8600W	11000W	
Output Voltage	220/230/240VAC±5%						
Output Frequency	50/60Hz±0.1%						
Output Wave	Pure Sine Wave						
Transfer Time(Adjustable)	10ms for Computer Equipment,20ms for Household Equipment						
Peak Power	3200VA	6000VA	8000VA	12400VA	17200VA	22000VA	
Overload Ability	Battery Mode: 11s@105%~150% Load; 2s@150%~200% Load; 400ms@>200% Load						
Grid connected Operation	Output Voltage	220/230/240VAC					
	Grid Voltage Range	170-265VAC					
	Grid Frequency Range	49-51±1Hz/59-61±1Hz					
	Output Current	17.4A	26.9A	37.4A	47.8A		
	Power Factor Range	>0.99					
	Max efficiency (DC/AC)	98%					
Rated Voltage	12VDC	24VDC		48VDC			
Constant Charging Voltage	14. 1VDC	28.2VDC		56. 4VDC			
Float Charging Voltage	13. 5VDC	27VDC		54VDC			
PV Charging Method	MPPT	MPPT	MPPT	MPPT	2*MPPT	2*MPPT	
Max PV Input	2000W	3000W	5000W	6200W	2*5500W	2*5500W	
MPPT Tracking Range	30~500VDC	30~500VDC	60~500VDC	60~500VDC	90~500VDC	90~500VDC	
MAX PV Input Voltage	500VDC	500VDC	500VDC	500VDC	500VDC	500VDC	
MAX PV Charge Current	100A	100A	120A	120A	150A	150A	
MAX AC Charge Current	60A	60A	100A	100A	120A	150A	
MAX Charge Current	100A	100A	120A	120A	150A	150A	
LCD	Can display operating mode/load/input/output						
RS232	5PIN/Pitch2.54mm,Baud Rate 2400						
Expansion Slot Communication Interface	Lithium Battery BMS Communication Card,WIFI 2×5PIN/Pitch2.54mm						
Parallel Interface	Not Support Parallel						
Operating Temperature	-10°C~50°C						
Storage Temperature	-15°C~60°C						
Ork Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer						
Operating Environment Humidity	Non Condensing						
Noise	≤50dB						