









WOM series

Solar Inverter

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Lithium Battery Auto-restart Function,More Convenient for Lithium Battery Charging.
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PF1.0, High Efficiency.Lower Consumption. Energy Conservation/Environmental Protection/Electricity Saving/Cost Saving.
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Support Working Without Battery: Reduce Solar System Cost
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Communication Option:External WIFI, Supervise at Any Time.
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Battery Reverse Connection Protection with Fuse Switch Safer Installation.
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Convenient Installtion And Transportation

Application Scenario

Family

Farm

Power Station

Suburbs

Island

Pasture

Mode I		CHSHNY - ED6248EMH	CHSHNY - ED12048EMH
Input Voltage	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)	
Output	Rated Power	6200W	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 Powewr	12400VA	22000W
	Overload Ability	Battery Mode:21s@105%~150%Load 11s@150%~200%Load 400ms@>2000%Load	
Grid Connected Operation	Output Voltage	220/230/240VAC	
	Grid Voltage Range	195-253VAC	
	Grid Frequency Range	49-51 ± 1Hz/59-61 ± 1Hz	
	Output Current	26.9A	47.8A
	Power Factor Range	>0.99	
	Conversion Efficiency	98%	
Battery	Rated Voltage	48VDC	
	Constant Charging Voltage(Adjustable)	56.4VDC	
	Float Charging Voltage (Adjustable)	54VDC	
Charger	PV Charging Method	MPPT	MPPT*2
	Max PV Input	6200W	2*5500W
	MPPT Tracking Range	120-500VDC	90-500VDC
	Best VMP Working Range	300-400VDC	300-400VDC
	MAX PV Input Voltage	500VDC	500VDC
	MAX PV Input Current	18A	18A/18A
	MAX PV Charge Current	100A	150A
	MAX AC Charge Current	80A	150A
	MAX Charge Current	120A	150A
Display	LCD	Can display operating mode/load/input/output	
	RS232	5PIN/Pitch2.54mm,Baud Rate2400	
Interface	Expansion Slot	2*5PIN/Pitch2.54mm,Lithium Battery BMS	
	Communication Interface	Communciation Card,WIFI 2*5PIN/Pitch2.54mm	
	Parallel Interface	Support Parallel	
Ambient Temperature	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,Rafer to IEC62040	
	Operating Environment humidity	20%~95% Non Condensing	
	Noise	<50db	
Dimension	L*W*H	495*312*146mm	570*500*148mm
Standarda and Certifications		EN-IEC 60335-1,EN-IEC 60335-2,EN-IEC 62109-1	