

XA SERIES

IP66 solar inverter



- ☆ The maximum charging current for the battery can be set to 135A/190A/250A;
- ☆ Compatible with lead-acid and lithium batteries (with solar self starting and mains self starting functions);
- ☆ Support battery free inverter working mode;
- ☆ Support dual output mode, customizable to output 2 load periods according to requirements;
- ☆ Support PV and battery grid connected electricity sales function; Supports CT function and unlimited load output function;
- ☆ Customizable settings for battery grid connected discharge current and battery charging and discharging time periods.
- ☆ PV energy mode supports LBU and BLU;
- ☆ Output energy mode supports SUB and SBU;
- ☆ Capable of generating electricity statistics (year month day electricity generation)

Model		XA6648	XA8648	XA10648
Phase		Single phase input/single phase output16000W		
Max PV input power		12000W	8600VA/8600W	18000W
Rated output power		6600VA/6600W	8000W	10600VA/10600W
Max charging power		6600W		10600W
Output Voltage		220/230/240VAC $\pm$ 5%		
Output voltage range		184–264.5VAC or 19.5–253VAC or 182–260VAV(adjustable)		
Rated output current		28.7A	37.4A	46.1A
power factor		> 0.99	> 0.99	> 0.99
Max efficiency (DC/AC)		95%	96%	96%
Grid connected operation	AC input			
	Restart voltage	60–80VAC / 180VAC		
	Grid voltage Range		90–280VAC or 170–280VAC	
	Grid Frequency Range		50Hz / 60Hz(adaptive)	
	Max feeder current	40A	60A	60A
Max PV input voltage		500VDC		
MPPT working range		120VDC~450VDC		
MPPT input number/PV max input current		2 / 21A	2 / 27A	2 / 27A
Output Voltage		220/230/240VAC		
Output Wave		pure sine wave		
Efficiency (DC/AC) (DC to AC)		93%		
Battery Type		Lead acid or lithium batteries		
Input Voltage Range		40–60VDC		
Rated DC voltage		48VDC		
MAX P V Charge Current		135A	190A	210A
MAX A C Charge Current		135A	190A	210A
Parallel Interface		Support 9 parallel machines		
Expansion Slot Communication Interface		RS232/RS485.WIFI		
Operating Environment Humidity		0~100%RH(No condensation)		
Operating Temperature		–10℃~50℃		
Size		192*418*633mm		
Standards&Certification		IEC/EN 62109–1,IEC/EN 62109–2,IEC/EN61000–6–2/4,IEC61683,IEC62116,IEC61727		