

1000W Micro Grid Tie Inverter for Solar Home System MPPT Function



Features:

1. Directly connected to the solar panels (**do not need to connect the battery**) by MPPT function, APL functions;
2. AC 0 angle with high precision auto-detection;
3. Synchronous High-frequency Modulation;
4. Pure Sine Wave Output;
5. Automatic Sensing Function Solar Luminosity;
6. Power Automatically Locked (APL);
7. Maximum Power Point Tracking (MPPT);
8. Automatically Adapt To Different Load Power Factor;
9. Constant Current, Constant Power;
10. Automatically Shut Down When The Power Output Of a Fault;
11. Current Limit Protection;
12. Stack Multiple Machines;
13. High-Frequency High Conversion Rate;
14. Wide range input voltage 10.5-28V.
15. 200W 300W 400W 500W 600W 800W 1000W is available.

How to choose the inverter according to your solar panel ?

Generally say, the working voltage(max power voltage) is the key point to choose the right inverter for your grid tie system.

- 1.solar panel is 18VDC (Max power voltage) , Choose 10.5-28VDC
2.solar panel is 30VDC (Max power voltage) , Choose 22-60VDC
3.solar panel is 36VDC (Max power voltage) , Choose 22-60VDC
4.solar panel voltage is not the 18VDC 30VDC 36VDC,(Max power voltage) please contact us before you buying,
we will check the feasibility for you,so you don't lose money!

Specifications:

	200W	300W	400W	500W	600W	800W	1000W
Grid-series models							
Recommend use solar panels	320Wp	420Wp	520Wp	620Wp	720Wp	1050Wp	1250Wp
DC Maximum Input Power	300W	400W	500W	600W	700W	900W	1200W
DC maximum voltage	VpvDC30.2VDC						
DC voltage range	Vpv 10.5V~28VDC						
Maximum output power factor	99%						
Maximum input current	15A	20A	25A	30A	40A	45A	65A
AC output power	200W	300W	400W	500W	600W	800W	1000W
AC maximum output power	200W	300W	400W	500W	600W	1000W	
Anti-voltage protection	Fuse						
AC standard voltage range(to 110V AC)	90V-140 VAC						
AC frequency range	55Hz~63Hz						
Output current total harmonic distortion	THDIAC <5%						
Phase	<1%						
Islanding protection	VAC;f AC						

Output short circuit protection	Current-limiting
Show	LED
Standby Power	<2W
Night Power	<1W
Ambient temperature range	-25