

**PROMOTION!!1000W Grid tie inverter, DC20V~45V,
AC90V-140V or 190V-260VAC for 24V and 36V Solar
Power and Wind Power System!**



Electrical Specifications

Power	1000W		
Solar panels	$\geq 1000W$		
DC MAX input	1200W		
The Voltage of Matched solar panel	Vmp: 18-21V, Voc: 20-24V	Vmp: 26-30V, Voc: 34-38V	Vmp: 35-39V, Voc: 42-46V
DC input range	10.5-28V	20-40V	24-48V
MPPT Voltage	15-23VDC	24-34VDC	26-36VDC
DC MAX current	80A	60A	50A
AC MAX output	1100W		
AC output range	120VAC(90-140VAC) or 230VAC(190-260VAC)		
Frequency range	50Hz/60Hz		
Power Factor	$>97.5\%$		
THD	$<5\%$		
Phase Shift	$<1\%$		
Peak Efficiency/110V	82%	87%	87%
Stable Efficiency /110V	79%	84%	85%
Peak Efficiency/220V	82%	87%	89%
Stable Efficiency/220V	80%	85%	85%
Protection	Islanding; Short-circuit; converse connection; Low Voltage; Over Voltage; Over temperature Protection		
Work Temperature	$-25^{\circ}\text{C}\sim 80^{\circ}\text{C}$		
Work Humidity	0%~90%RH non-condensing		
Grade of Waterproof	Indoor design		
Show	1 Red and 1 Green		
Cooling	Fan		
Stand-by Power	2-3W		
EMC	EN61000-6-3:2007 EN61000-6-1:2007		
Grid Disturbance	EN 50178+EN 62109-1+VDE0126-1-12		
Grid Detection	DIN VDE 1026 UL1741		
Certificate	CE		
Net Weight	2.0kgs/pc		
Gross Weight	2.7kgs/pc		
Inner Box (LxWxH)	31x16.5x5.3cm		
Carton (LxWxH)	42x40.5x24.2cm		

Reference:

http://www.aliexpress.com/item/FREE-Shipping-1000W-Grid-tie-inverter-DC24V-48V-AC90V-140V-or-190V-260V-for-1200W-36V/1919455573.html?spm=2114.01020208.3.36.JnehSc&ws_ab_test=searchweb201556_2,searchweb201602_4_10017_10005_10006_10034_10021_507_10022_508_10020_10018_10019,searchweb201603_1&btsid=39afe219-6dee-4c59-8166-5ebb0a88737f