

OFF-Grid MPPT Solar Inverter

NM III 2KW-3.2KW-5.2KW

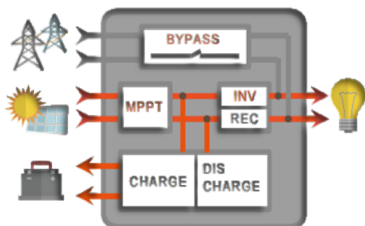
TAJSOL
Let The Sunshine In



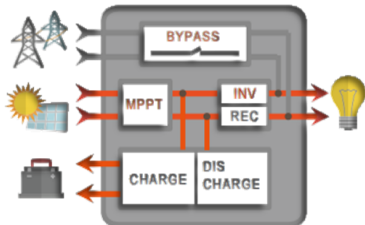
Monitor and manage your solar energy system by your smart phone and PC website. Available for both iOS and Android.



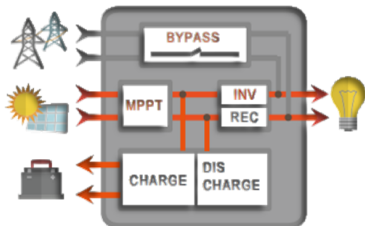
Benefits



It can be running without batteries, energy shared from utility and solar to loads at the same time or alternatively. Without batteries, it can help clients to reduce the whole solar system cost and save electricity fee.



It combines a wide PV input range MPPT controller, can convert solar energy from PV to loads directly and the remaining solar energy converted to batteries synchronously



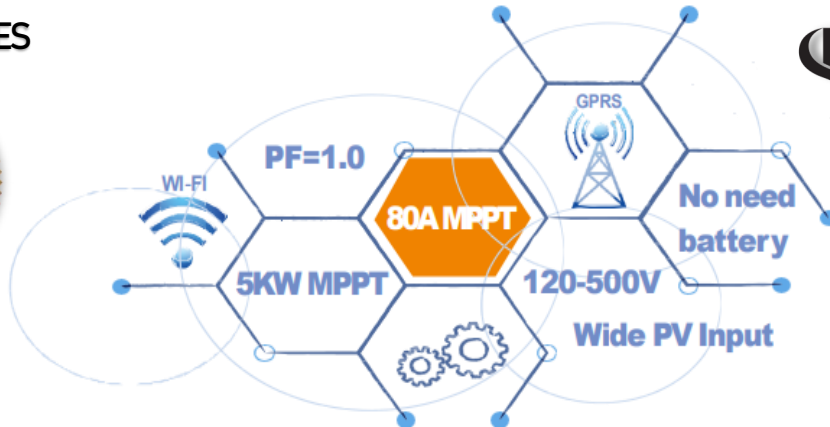
When PV output is reduced by clouds or at night, resulting in no surplus PV power available, loads powered by utility, batteries are charged, when utility outage, batteries are discharged.

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چمکتا پاکستان تاج سول کے ساتھ

KEY FEATURES



TECHNICAL DATA

Model	Victor NM II-2000-24		Victor NM II-3200-24	Victor NM II-5200-48
RATED POWER	2000VA/2000W		3200VA/3200W	5200VA/5200W
INPUT				
Voltage	230 VAC			
Selectable Voltage Range	170-280 VAC (For Personal Computers)			
	90-280 VAC (For Home Appliances)			
Frequency Range	50 Hz/60 Hz (Auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%			
Surge Power	4000VA	6400VA	10400VA	
Efficiency (Peak) PV to INV.	97%			
Efficiency (Peak) Battery to INV.	94%			
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)			
Waveform	Pure sine wave			
BATTERY & AC CHARGER				
Battery Voltage	24 VDC	24 VDC	48 VDC	
Floating Charge Voltage	27 VDC	27 VDC	54 VDC	
Overcharge Protection	33 VDC	33 VDC	63 VDC	
Maximum Charge Current	40 A	80 A	60 A	
SOLAR CHARGER				
Maximum PV Array Power	2000W	4000W	5000W	
MPPT Range @ Operating Voltage	120 ~ 450 VDC			
Maximum PV Array Open Circuit Voltage	500 VDC			
Maximum Charging Current	60A	80A	80A	
Maximum Efficiency	98%			
PHYSICAL				
Dimension, D x W x H (mm)	100 x 300 x 440			
Net Weight (kgs)	8	9	10	
Communication interface	USB/RS232/GPRS/WIFI			
OPERATING ENVIRONMENT				
Humidity	5% to 95% Relative Humidity(Non-condensing)			
Operating Temperature	0°C - 55°C			
Storage Temperature	-15°C - 60°C			

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