

YUKON
3.2 KW/5.2 KW
SOLAR INVERTER

5 YEARS WARRANTY
2 YEARS PRODUCT WARRANTY
3 YEARS SERVICE WARRANTY

PRODUCT FEATURES

- Auto synchronization with Lithium-Ion Battery.
- High efficiency pure sine wave inverter (PF=1).
- Wide PV input range (120Vdc-500Vdc) 80A MPPT SCC.
- Intelligent 3 stage 80A AC battery charger.
- Intelligent functionality enables utility & solar input prioritization.
- Monitor, troubleshoot, or communication with USB/RS232.
- System configures quickly into compact, wall-mounted system.
- Enhance MPPT solar charge controller up to 5000 WATTS.
- Efficiently works without battery.
- Adaptable to Main Voltage / Generator Power.
- Built-in Anti Dust Kit.

Anti Dust Kit

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Technical Data

	YUKON 3.2 KW / 5.2 KW	
RATED POWER	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	6400VA	10000VA
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	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
Maximum AC Charge Current	80 A	60 A
SOLAR CHARGER		
Maximum PV Array Power	4000W	5000W
MPPT Range @ Operating Voltage	120 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Charging Current	80A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension, D x W x H (mm)	100 x 300 x 440	
Net Weight (kgs)	9	
Communication interface	USB / RS232	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C - 55°C	
Storage Temperature	-15°C - 60°C	

Product specifications are subject to change without further notice

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