



YUKON

3.2 KW/5.2 KW

SOLAR INVERTER

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

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

