



RODIMUS SERIES HYBRID SOLAR INVERTER

RZE8K#48VH

- ▶ Detachable LCD control module with various communications
- ▶ Maximum PV input current 27A
- ▶ Dual output for smart load management
- ▶ Built-in WiFi for mobile monitoring (App is available)
- ▶ Supports USB On-the-Go function
- ▶ Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- ▶ Battery independent design
- ▶ Battery equalization extends lifecycle
- ▶ User-friendly LCD operation
- ▶ Replaceable fan design for ease of maintenance



MODEL	RZE8K#48VH
CAPACITY	8000VA/8000W
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 $\pm$ 10%
Surge Power	16000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Power	8000W (4000W x 2)
MPP Range @ Operating Voltage	60 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2 (Max. 40A)
Maximum Solar Charge Current	150A
Maximum AC Charge Current	120A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D x W x H (mm)	158.4 x 503.6 x 530.8
Net Weight (kgs)	20
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

■ Products specifications described herein are subject to change without prior notification.