

Hybrid Solar Inverter HMK Series



Smart control

Smart control mode, auto switch for different demand
usb communication portal



Easy Operation

Colorful and touch screen



Charger

Inbuilt 140A AC charger
Inbuilt 160A MPPT solar charger
Support SLA/AGM/GEL/Li-ion battery

Parallel Connection Diagram



Technical Specification

Model	HMK-F3-72248M160	HMK-F3-10348M160
Rated Power	7.2KW	10.2KW
Surge Power	14.4KW	20.4KW
Parallel Function	YES	NO
Normal Battery Voltage	48VDC	
Wave Form	Pure Sine Wave	
AC Voltage Regulation	220/230/240VAC±5%	
Output Frequency	50Hz or 60Hz	
Peak Efficiency	0.93	
Transfer Time	10ms (UPS) ; 20ms (Appliances)	
AC input		
Normal Input Voltage	230VAC±5%	
Max AC input Voltage	300VAC	
Voltage Range	170-280VAC(UPS) ; 90-280VAC (Appliances)	
Solar Charger & AC Charger		
AC Charging Current	80A	140A
Maximum PV Array Open Circuit Voltage	500VDC	
Start Up Voltage	80VDC	90VDC
Solar Charging Current	80/80A	160A
Solar Input	8000W	10200W
Charging Algorithm	AGM/GEL/Lead Acid/Lithium Battery	
Dimension		
Dimension,D x W x H (mm)	589*437*152mm	561*405*151mm
Net Weight (kgs)	18.7	14.5
Environment		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operatng Temperature	-10°C~50°C	
Storage Temperature	-10°C~60°C	

Note: Product specifications are subject to change without further notice.