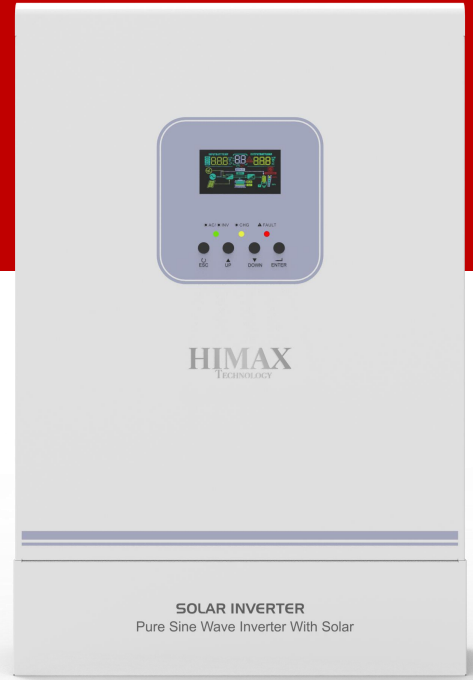


Inverter inbuilt 160A MPPT Controller

Model: IV10048M



Product Introduction

Lithium Battery Auto-restart Function, More Convenient for Lithium Battery Charging. Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/ BatteryPower Shares.Utility Charging Voltage/PV Charging Voltage Adjustable, Match Different Battery Charging Requirements.Slim Body, Convenient Installation And Transportation

Battery Reverse Connection Protection with Fuse Switch, Safer Installation PF1.0, High Efficiency, Lower Consumption,Energy Conservation/Environmental Protection/Electricity Saving/cost Saving.Support Working without Battery: Reduce Solar System Cost.Parallel Function Up to Maximum 9 Units: Enlarge More Loads.High Precision of Output Voltage,±5%, Take Care of Your Appliances.Communication Option: External WIFI, Supervise at Any Time

Specification

Model	IV10048M	
AC Input voltage	Input Formation	L+N+PE
	AC Input	208/220/230/240VAC
	SIInput Voltage Range	154–264VAC±3V (Normal Mode) 185–264VAC±3V (UPS Mode)
	Frequency	50/60HZ (Adaptive)
Output	Rated Power	10000W
	Output Voltage	208/220/230/240VAC±5%
	Output Frequency	50/60Hz±0.1%
	Output Wave	Pure Sine Wave
	Transfer Time (Adjustable)	10ms for Computer Equipment,20ms for Household Equipment
	Peak Power	10000VA
	Overload Ability	Battery Mode : Imin@102%~110% load 10s (3) 110%~130% load 3s@130%~150% load 200ms@>150% load
	Peak Efficiency (Battery Model)	>94%
Battery	Rated Voltage	48VDC
	Constant Charging Voltage (Adjustable)	56.4VDC
	Float Charging Voltage (Adjustable)	54VDC
Charger	PV Charging Method	Double MPPT
	Max PV Input	5500W*2
	MPPT Tracking Range	120–500VDC
	Best VMP Working Range	300–400VDC
	MAX PV Input Voltage	500VDC
	MAX PV Charge Current	160A
	MAX AC Charge Current	160A
	MAX Charge Current	160A
Display	LCD	It can display operating mode/load/input/output
Communicationport	RS232	5PIN/Pitch2.54mm, Baud Rate 2400
	Expansion Slot Communication Interface	Lithium Battery BMS Communication Card,WIFI 2x5PIN/Pitch2.54mm
Ambient Temperature	Parallel Interface	Support Parallel
	Operating Temperature	-10°C~60°C
	Storage Temperature	-15°C~60°C
	Ork Altitude	No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer
	Operating Environment Humidity	20%~95%Non Condensing
	Noise	<50dB

Dimension

L*W*H (mm)

495*312*125mm



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