

VMP

VHS3F12000 12000W

Specification

Rated Output Power		12000W
Rated Input Voltage		48V
Dimensions	Width	355mm
	Height	510mm
	Thickness	133mm
Approx. Weight		16.2kg
Communication		RS485, WIFI
Protection Degree		IP20

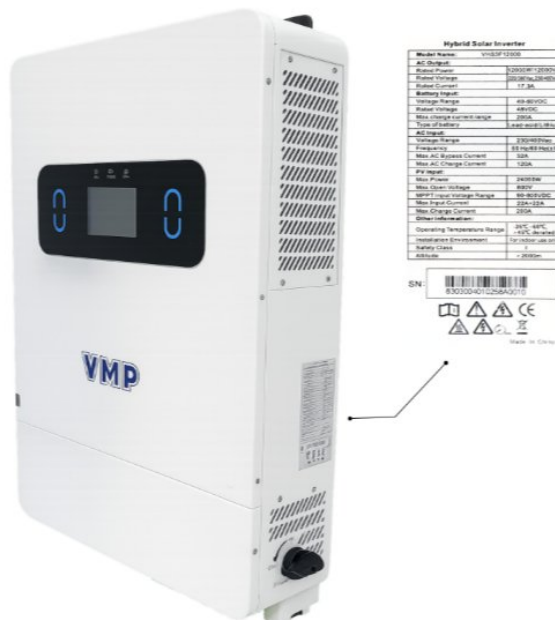
Parameters

Model	VHS3F12000
Battery Voltage	48V
Battery Type	Lead Acid, Lithium
Output	
Rated Output Voltage	220/380V
Rated Output Frequency	50/60Hz
Output Waveform	Pure Sinewave
Efficiency	93%
Output Current	17.3A
PV Input	
Solar Panel Power	10000W + 10000W
Dual MPPT Voltage Range	90 – 800V
Max Input Voltage	800V
Max Charging Current	200A
Battery Input	
Voltage Range	40 – 60V
Max Charging Current	200A

Highlights

- 2 MPPT channel, Max PV Power is 1.5x rated output power
- Capable of connecting to power grid
- Able to upgrade software to enable for variety loads
- Able to bypass output without a battery
- Compatible with lead acid and Lithium battery
- Built-in battery activation function
- Support 48V battery input

HYBRID SOLAR INVERTER THREE PHASE



Hybrid Solar Inverter	
Model Name	VHS3F12000
AC Output	220V/380V/120V/240V
Rated Output	12000W/12000VA
Rated Current	17.3A
Battery Input	48V/51V/60V
Max. Charge Current	200A
Max. Charge Voltage Range	40V-60V
Type of Battery	Lead Acid/Lithium
AC Input	220V/380V
Frequency	50/60Hz
Max. AC Output Current	17.3A
Max. AC Charge Current	200A
PV Input	2x10000W
Max. PV Input Voltage	800V
Max. PV Input Current	200A
Max. PV Input Power	20000W
Max. PV Input Voltage Range	90V-800V
Max. PV Input Current	200A
Max. PV Input Power	20000W
Operating Temperature Range	25°C-45°C
Installation Environment	Indoor/Outdoor
Warranty	5 Years
Accessories	1x12000W

