

Specification

MODEL		ES-VPM-1012	ES-VPM-2024	ES-VPM-3024
Default Battery System Voltage		12VDC	24VDC	
INVERTER OUTPUT	Rated Power	1000VA / 1000W	2000VA / 2000W	3000VA / 3000W
	Surge Power	2000VA	4000VA	6000VA
	Waveform	Pure sine wave		
	AC Voltage Regulation (Batt.Mode)	220VAC~240VAC(Setting)		
	Inverter Efficiency(Peak)	90%~93%		
	Transfer Time	10ms(UPS / VDE4105) / 20ms(APL)		
AC INPUT	Voltage	230VAC		
	Selectable Voltage Range	170~280VAC(UPS) / 90~280VAC(APL) / 184~253VAC(VDE)		
	Frequency Range	50Hz / 60Hz (Auto sensing)		
BATTERY	Normal voltage	12VDC	24VDC	
	Floating Charge Voltage	13.7VDC	27.4VDC	
	Overcharge Protection	15VDC	30VDC	
SOLAR CHARGER & AC CHARGER*	Maximum PV Array Open Circuit Voltage	75VDC	145VDC	
	PV Array MPPT Voltage Range	15~75VDC	30~120VDC	
	Standby Power Consumption	2W		
	Maximum PV Array Power	625W	1500W	
	Maximum Solar Charge Current	60A		
	Maximum Efficiency	98%		
	Maximum AC Charge Current	10A or 20A	20A or 30A	
	Maximum Charge Current	70A	80A	
MECHANICAL SPECIFICATIONS	Machine Dimensions (W*H*D)(mm)	225*355*92	272*355*100	
	Package Dimensions (W*H*D)(mm)	410*300*178	425*390*215	
	Net Weight(kg)	5	7.4	
	Gross Weight(kg)	5.5	9.5	
OTHER	Humidity	5% to 95% Relativ Humidity (Non-condensing)		
	Operating Temperature	0°C~50°C		
	Storage Temperature	-15°C -60°C		