

Model	PH18-3024 PRO	PH18-5248 PRO
Nominal Battery System Voltage	24VDC	48VDC
Inverter Output		
Rated Power	3000VA/3000W	5200VA/5200W
Surge Power	6KW	10KW
Waveform	Pure sine wave	
AC Voltage Regulation (Batt.Mode)	230VAC±5% (Setting)	
Inverter Efficiency (Peak)	90%-93%	
Transfer Time	10ms (For personal computers) 20ms (For home appliance)	
AC Input		
Voltage	230VAC±5%	
Selectable Voltage Range	170~280VAC(For personal computer) 90~280VAC(For home appliances) 184~253VAC(VED4105)	
Frequency Range	50Hz/60Hz (Auto sensing)	
Battery		
Battery		
Normal Voltage	24VDC	48VDC
Floating Charge Voltage	27.4VDC	54.8VDC
Overcharge Protection	30VDC	60VDC
Solar Charger & AC Charger		
Maximum PV Array Open Circuit Voltage	450VDC	
Maximum PV Array Power	5000W	
PV Array MPPT Voltage Range	150-450VDC	
Maximum Solar Charge Current	80Amp	
Maximum AC Charge Current	60Amp	
Maximum Charge Current	140Amp	
Mechanical Specifications		
Machine Dimensions (W*H*D)mm	289*414*124.5	330*488*119
Package Dimensions (W*H*D)mm	488*393*251	396*638*241
Net Weight (kg)	8	14
Gross Weight (kg)	9.5	16.4