PSI Energy™



NEW HYBRID PRO 4

1-PHASE

✅ Off Grid ✅ On Grid ✅ Hybrid

รองรับ KM 48V / 100Ah



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1-PHASE

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✓ Off Grid ✓ On Grid ✓ Hybrid

รองรับ



TECHNICAL SPECIFICATION

	HYBRID PRO 4
MODEL	
Maximum PV Input Power	6,200W
Rated Output Power	4,200W
Maximum Solar Charing Current	120A
GRID-TIE OPERATION	
PV Input(DC)	
Nominal DC Voltage/Maximum DC Voltage	360 VDC/500 VDC
Start-up Voltage/Initial Feeding Voltage	120 VDC/180 VDC
MPPT Voltage Range	90 VDC~450 VDC
Maximum DC Voltage	500 VDC
GRID OUTPUT(AC)	
Nominal Output Voltage	200 / 230 / 240 VAC
Output Voltage Range	195.5~253 VAC
Nominal Output Current	18.2A
Feed-in Grid Frequency Range	59~61+1Hz
EFFICIENCY	
Maximum Conversion Efficiency(DC/AC)	97%
OFF-GRID OPERATION	
AC INPUT	
AC Start-up Voltage/Auto Restart Voltage	120-140 VAC / 180 VAC
Acceptable Input Voltage Range	90-280 VAC or 170-280 VAC
Maximum AC Input Current	30A
Nominal Operating Frequency	50/60 Hz
PV INPUT(DC)	
Maximum DC Voltage	500 VDC
MPPT Voltage Range	90 VDC-450 VDC
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	24 VDC
Output Wavefrom	Pure sinewave
Efficiency(DC to AC)	94%
BATTERY & CHARGER	
Nominal DC Voltage	24 VDC
Maximum Solar Charging Current (Solar to AC)	140 A
Maximum AC Charging Current	100 A
GENERAL	
Dimension,D x W x H	420*310*110 mm
Net Weight(kgs)	11 kg