



7.6kW·8kW (EU Version)



Solar Input HYH-7.6K/8K-EU

Max.DC Input Power(W)	9880W 10400W
PV Input Voltage (V)	370V(100V~500V)
MPPT Range(V)	125V-425V
Start-up Voltage(V)	125V
PV Input Current(A)	18A+18A
No.of MPPT Trackers	2
No.of Strings per MPPT Tracker	2+2

Battery Input

Battery Type	Lead-acid or Li-Ion
Battery Voltage Range(V)	40V~60V
Max. Charging Current(A)	190A
Max. Discharging Current(A)	190A
Charging Curve	3Stages/Equalization
External Temperature Sensor	Optional
Charging Strategy for Li-Ion Battery	Self-adaption to BMS

AC Output

Rated AC Output and UPS Power(W)	7600W 8000W
Max AC Output Power(W)	8360W 8800W
Peak Power(off grid)	2 times of rated power, 10s
AC Output Rated Current(A)	31.7A/33A 33.4A/35A
Max.AC Current(A)	36.4A/38A 38.3A/40A
Max Continuous AC Passthrough(A)	50A 50A
Output Frequency and Voltage	50/60Hz;120/240Vac(split phase), 208Vac(2/3 phase),230Vac(single phase)
Grid Type	Split phase, 2/3phase, Single Phase
Current Harmonic Distortion	THD<3%(Linear load<1.5%)

UPS Output-with Battery

UPS Max. Output Power without Solar	7600W 8000W
UPS Max. Output Power with Solar	7600W 8000W
UPS Nominal Output Voltage	230V
UPS Nominal Output Frequency	50HZ
UPS Nominal Output Current	33A 35A
Peak Power	15200W 16000W
THDV	<3% <3%
Switching Time	10ms

General Data

Operating Temperature Range(°C)	-25~60°C, >45°C Derating
Cooling	Fan
Noise(dB)	<30
Communication with BMS	Rs485; CAN
Weight(kg)	32kG
Size(Length*Width*Height mm)	680X420X233mm
Protection Degree	IP65
Installation Style	Wall-mounted
Warranty	5 years

EMC/Safety/On-grid certification available for

North America · South America · Brazil · Europe · Australia · India · Korea · Israel & Thailand etc.