



## 3.6kW · 5kW (EU Version)

**5**  
Year  
Product  
Warranty

**20+**  
Country  
Global  
Application

**97.6%**  
CEC  
Peak  
Efficiency

### AC Output

Rated AC Output and UPS Power(W)	3600W	5000W
Max AC Output Power(W)	3960W	5500W
Peak Power(off grid)	2 times of rated power, 10s	
AC Output Rated Current(A)	15.7A	21.7A
Max.AC Current(A)	18A	25A
Max Continuous AC Passthrough(A)	35A	35A
Output Frequency and Voltage	50/60Hz; 220/230/240Vac(single phase)	
Grid Type	Single Phase	
Current Harmonic Distortion	THD<3%(Linear load<1.5%)	

### Solar Input

HYH-3.6K/5K-EU	
Max.DC Input Power(W)	4680W/6500W
PV Input Voltage (V)	370V.d.c(100V.d.c~500V.d.c)
MPPT Range(V)	125V.d.c-425V.d.c
Start-up Voltage(V)	125V.d.c
PV Input Current(A)	11A+11A
No.of MPPT Trackers	2
No.of Strings Per MPPT Tracker	1+1

### Battery Input

Battery Type	Lead-acid or Li-Ion	
Battery Voltage Range(V)	40V~60V	
Max. Charging Current(A)	90A	120A
Max. Discharging Current(A)	90A	120A
Charging Curve	3Stages/Equalization	
External Temperature Sensor	Optional	
Charging Strategy for Li-Ion Battery	Self-adaption to BMS	

### UPS Output-with Battery

UPS Max. Output Power without Solar	3600W	5000W
UPS Max. Output Power with Solar	3600W	5000W
UPS Nominal Output Voltage	230V	
UPS Nominal Output Frequency	50HZ	
UPS Nominal Output Current	15.65A	21.73A
Peak Power	7200W	10000W
THDV	<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)	20.5kG
Size(Length*Width*Height mm)	580X330X217mm
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.