



HYBRID INVERTER

GSL-H-3.6K-EU

GSL-H-5.0K-EU



Max. Efficiency
97.6%



High Power
Factor



2 MPPT



RS485/CAN



Six Time of
Use Setting



Internal SPD



Zero Export



High Surge
Endurance



IP65 Ingress
Protection



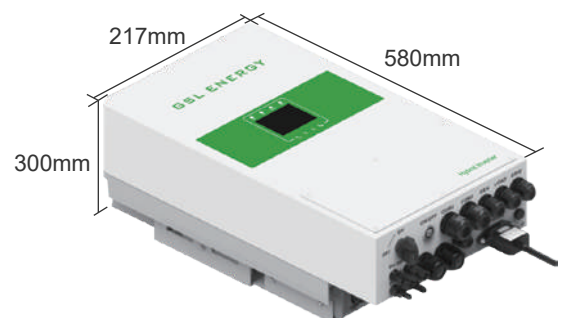
AC Coupled



Support Generator
Connection



Support Multiple
Parallel



Battery Input Data	GSL-H-3.6 K-EU	GSL-H-5K-EU
Battery Type	Lead-acid or Li-Ion	
Battery Voltage Range (V)	40~60V	
Max.Charging Current (A)	90A	125A
Max.Discharging Current (A)	90A	125A
Charging Curve	3 Stages/Equalization	3 Stages/Equalization
External Temperature Sensor	Optional	Optional
Charging Strategy for Li-Ion Battery	Self-adaption to BMS	Self-adaption to BMS

PV String Input Data	GSL-H-3.6 K-EU	GSL-H-5K-EU
Max. DC Input Power	4680W	6500W
PV Input Voltage (V)	370V (100V~500V)	370V (100V~500V)
MPPT Range (V)	125V-425V	125V-425V
Start-up Voltage (V)	125V	125V
PV Input Current (A)	13A+13A	13A+13A
No.of MPPT Trackers	2	2
No.of Strings Per MPPT Trackers	1/1	1/1

AC Output Data	GSL-H-3.6 K-EU	GSL-H-5K-EU
Rated AC Output and UPS Power (W)	3600W	5000W
Peak Power (off grid)	2 times of rated power,10S	
AC Output Rated Current (A)	15.7A	21.7A
Output Frequency and Voltage	50/60Hz; 220Vac/230Vac/240Vac (Single phase)	

Protection	GSL-H-3.6 K-EU	GSL-H-5K-EU
PV Input Lightning Protection	Integrated	
Anti-islanding Protection	Integrated	
PV String Input Reverse Polarity Protection	Integrated	
Insulation Resistor Detection	Integrated	
Residual Current Monitoring Unit	Integrated	
Output Over Current Protection	Integrated	
Output Shorted Protection	Integrated	
Output Over Voltage Protection	Integrated	

Certifications and Standards	GSL-H-3.6 K-EU	GSL-H-5K-EU
Grid Regulation	VDE-ARN4105,VDE0126,AS4777,NRS2017,G98,G99,EN50438	
Safety Regulation	IEC62109-1,IEC62109-2	
EMC	EN61000-6-1,EN61000-6-3	

General Data	GSL-H-3.6 K-EU	GSL-H-5K-EU
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)	580×330×217mm	
Protection Degree	IP65	
Installation Style	Wall-mounted	
Warranty	5 years	