



Solis R5K-G-H Hybrid Inverter



High Efficiency



Battery Compatible



Smart Monitoring

Key Features

- High-efficiency multi-MPPT logic
- Seamless integration with Li-ion battery storage
- Zero-export function support
- Comprehensive protection (Surge, Reverse Polarity)
- Real-time cloud monitoring via Solistary chang or battery prorsures
- Real-time cloud monitoring via SolisCloud
- Silent operation, fanless cooling
- Standard 5-year warranty (Extendable)

SYSTEM SPECIFICATIONS

DC INPUT (PV)

Max PV Power (W)	6500Wp
Max DC Voltage (V)	600V
MPPT Voltage Range (V)	100V - 550V
Max DC Current (A per MPPT)	12A / 12A

BATTERY INPUT/OUTPUT

Battery Type	Li-ion
Battery Voltage Range (V)	180V - 500V
Max Charging/Discharging Current (A)	25A

AC OUTPUT (GRID-CONNECTED)

Rated AC Power (W)	5000W
Max AC Apparent Power (VA)	5500VA
Max AC Output Current (A)	24A
Total Harmonic Distortion (THD)	<3%

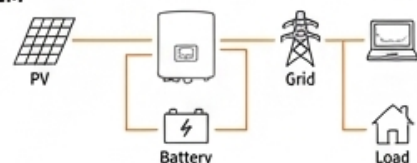
AC OUTPUT (BACKUP)

Rated Backup Power (W)	5000W
Peak Backup Power (W)	6000W (10s)

GENERAL DATA

Dimensions (W x H x D)	333 x 433 x 172 mm
Weight	18 kg
IP Rating	IP65
Ambient Temperature Range	-25 to +60°C
Cooling Concept	Natural Convection

SYSTEM



CERTIFICATIONS & COMPLIANCE

CE IEC 62109, VDE 0126

