



300-350K

Grid-Tied Inverters

S6-GU3P(300-350)K06-EV-ND

6 MPPT | 80A per MPPT



Efficient

- 30 inputs, > 150% DC/AC ratio
- Each MPPT maximum current 80A, compatible with 182 and 210 series bifacial modules
- Patented heat transfer technology, continuous output increase of 5% at high temperature

Safe

- IP66, C5-M Anti-Corrosion level
- Intelligent string break, remote release for DC switch, active safety
- Support intelligent AC/DC terminal temperature detection

Smart

- Intelligent string monitoring, smart I-V curve scan
- Each MPPT online insulation fault detection facilitates rapid fault identification
- Low temperature antifreeze, reverse dust removal, indoor dehumidification

Economic

- Inverter with 20ms fast reactive power response, can replace SVG
- Support 400mm² aluminum wire connection, saving AC cable cost
- Support PLC communication, saving communication cables and construction cost

GINLONG TECHNOLOGIES CO., LTD.

t: +86 574 6580 2188 e: sales@ginlong.com
w: solisinverters.com service@ginlong.com



DATASHEET

S6-GU3P(300-350)K06-EV-ND

Models	300K		333K	350K
Input DC				
Max. input voltage			1500 V	
Rated voltage			1080 V	
Start-up voltage			500 V	
MPPT voltage range			480 - 1500 V	
Max. input current			6 × 80 A	
Max. short circuit current			6 × 125 A	
MPPT number / Max. input strings number			6 / 30	
Output AC				
Rated output power	300 kW		333 kW	350 kW
Max. apparent output power	300 kVA		333 kVA	350 kVA
Rated grid voltage			3/PE, 800 V	
Grid voltage range			640 - 920 V	
Rated grid frequency			50 Hz / 60 Hz	
Max. output current	216.5 A		240.3 A	252.6 A
Power factor			> 0.99 (0.8 leading – 0.8 lagging)	
THDi			< 3%	
Efficiency				
Max. efficiency			99.0%	
EU efficiency			98.7%	
Protection				
DC reverse-polarity protection			Yes	
Short circuit protection			Yes	
Output over current protection			Yes	
Surge protection			DC Type II / AC Type II	
Grid monitoring			Yes	
Anti-islanding protection			Yes	
Temperature protection			Yes	
Strings monitoring			Yes	
I/V Curve scanning			Yes	
Night time SVG function			Yes	
Integrated PID recovery			Yes	
Integrated DC switch			Yes	
General Data				
Dimensions (W × H × D)				
Weight			117 kg	
Topology			Transformerless	
Self-consumption (night)			< 3 W	
Operating ambient temperature range			-30 ~ +60°C	
Relative humidity			0 - 100%	
Ingress protection			IP66	
Cooling concept			Intelligent fan-cooling	
Max. operation altitude			4000 m	
Grid connection standard			EN50549, G99, AS4777.2, VDE0126, IEC61727, VDE4110, CEA 2019	
Safety / EMC standard			IEC62109-1/-2, EN61000-6-2/-4	
Features				
DC connection			Matching connector	
AC connection			OT terminal (max. 400 mm²)	
Display			LED indicator & Bluetooth + APP	
Communication			RS485, Optional: PLC	