

25-36K

Grid-Tied Inverters

S6-GC3P(25-36)K03-NV-ND

3 MPPT | 42A per MPPT

- String current up to 21A
- Intelligent string monitoring, smart I-V curve scan
- > 170% DC/AC ratio
- 24-hour load consumption monitoring
- AFCI protection, proactively reduces fire risk
- Dual independent RS485 ports, supporting communication with multiple devices

MALAYSIA

t: +86 574 6580 2188 (sales) +60 0162323512 (service)
e: sales@ginlong.com service@ginlong.com
w: solisinverters.com/my

DATASHEET

Models	25K	30K	33K	36K
Input DC				
Recommended max. PV power	37.5 kW	45 kW	49.5 kW	54 kW
Max. input voltage	1100 V			
Rated voltage	600 V			
Start-up voltage	180 V			
MPPT voltage range	180 - 1000 V			
Max. input current	42 A / 42 A / 42 A			
Max. short circuit current	52.5 A / 52.5 A / 52.5 A			
MPPT number / Max. input strings number	3 / 6			
Output AC				
Rated output power	25 kW	30 kW	33 kW	36 kW
Max. apparent output power	25 kVA	30 kVA	33 kVA	36 kVA
Max. output power	25 kW	30 kW	33 kW	36 kW
Rated grid voltage	3/N/PE, 220 V / 380 V, 230 V / 400 V			
Rated grid frequency	50 Hz / 60 Hz			
Rated grid output current	38.0 A / 36.1 A	45.6 A / 43.3 A	50.1 A / 47.6 A	54.7 A / 52.0 A
Max. output current	38.0 A / 36.1 A	45.6 A / 43.3 A	50.1 A / 47.6 A	54.7 A / 52.0 A
Power factor	> 0.99 (0.8 leading - 0.8 lagging)			
THDi	< 3%			
Efficiency				
Max. efficiency	98.5%			
EU efficiency	98.0%			
Protection				
DC reverse-polarity protection	Yes			
Short circuit protection	Yes			
Output over current protection	Yes			
Surge protection	Yes			
Grid monitoring	Yes			
Anti-islanding protection	Yes			
Temperature protection	Yes			
Strings monitoring	Yes			
I/V Curve scanning	Yes			
Multi peak scan	Yes			
Integrated AFCI 2.0	Optional			
Integrated DC switch	Yes			
General Data				
Dimensions (W × H × D)	355 × 625 × 250 mm			
Weight	25.3 kg	25.5 kg	26.5 kg	
Topology	Transformerless			
Self-consumption (night)	< 1 W			
Operating ambient temperature range	-25 ~ +60°C			
Relative humidity	0 - 100%			
Ingress protection	IP66			
Noise emission (typical)	≤ 55 dB(A)			
Cooling concept	Intelligent fan-cooling			
Max. operation altitude	4000 m			
Grid connection standard	G98, G99, VDE-AR-N 4105/VDE V 0124, EN 50549-1, VDE 0126/UTE C 15/VFR:2019, RD 1699/RD 244/UNE 206006/ UNE 206007-1, CEI 0-21, C10/11, NRS 097-2-1, TOR, EIFS 2018.2, IEC 62116, IEC 61727, IEC60068, IEC 61683, EN 50530			
Safety / EMC standard	IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4			
Features				
DC connection	MC4 connector			
AC connection	OT terminal			
Display	LED indicator & Bluetooth + APP			
Communication	Standard: RS485×2; Optional: Wi-Fi, 4G, DRM			