

SOFAR 17K~25KTLX-G3-PRO

17 / 20 / 23 / 25 kW

THREE-PHASE DUAL MPPT



Product advantages

- Maximum efficiency 98.6%
- Low start-up voltage, wide MPPT voltage
- Maximum DC input voltage 1100 V
- Smart string level monitoring
- Type II SPD for both DC and AC side
- Remote firmware upgrade
- 110% long-time overload ability



Model	SOFAR 17KTLX-G3-PRO	SOFAR 20KTLX-G3-PRO	SOFAR 20KTLX-G3-PRO-A	SOFAR 23KTLX-G3-PRO	SOFAR 25KTLX-G3-PRO	SOFAR 25KTLX-G3-PRO-A
Input (DC)						
Max. input voltage	1100V					
Rated input voltage	620V					
Start-up voltage	160V					
MPPT operating voltage range	140V-1000V					
Number of MPPTs	2					
Number of DC inputs	2/2					
Max. input MPPT current	40A/40A					
Max. input short circuit current	50A/50A					
Output(AC)						
Rated output power	17000W	20000W	20000W	23000W	25000W	25000W
Rated apparent power	17000VA	20000VA	20000VA	23000VA	25000VA	25000VA
Max. apparent power	18700VA	22000VA	20000VA	25300VA	27500VA	25000VA
Rated output current	24.6A	29.0A	29.0A	33.3A	36.2A	36.2A
Max. output current	28.3A	33.3A	33.3A	38.3A	40A	40A
Rated output voltage	3/N/PE,230V/400Vac					
Output voltage range	310Vac-480Vac					
Rated output frequency	50/60Hz					
Output frequency range	45Hz-55Hz/55Hz-65Hz					
Active power adjustable range	0-100%					
THDi	<3%					
Power factor	1 (adjustable+/-0.8)					
Efficiency						
Max. efficiency	98.6%					
European efficiency	98%					
Protection						
DC reverse polarity protection	Yes					
Anti-islanding protection	Yes					
Leakage current protection	Yes					
Ground fault monitoring	Yes					
PV-array string fault monitoring	Yes					
DC switch	Yes					
SPD	PV: type II ,AC: type II					
General Data						
Ambient temperature range	-30 C--+60 C					
Self-consumption at night	<1W					
Topology	Transformerless					
Degree of protection	IP65					
Allowable relative humidity range	0-100%					
Max. operating altitude	4000m					
Cooling	Smart air cooling					
Dimension(W×H×D)	520×430×181mm					
Weight	22kg	22kg	22kg	23kg	23kg	23kg
Display	LCD & Bluetooth +APP					
Communication	RS485/WiFi					
Standard	IEC/EN 61000-6-1/2/3/4,IEC 62116, IEC 61727, IEC 61683, IEC 60068-1/2/14/30, IEC/EN 62109-1/2 AS/NZS 4777.2:2020					

*All specifications are subject to change without notice.