

SOFAR 25K~30KTLX-G3

25 / 30 k W

THREE-PHASE THREE TO FOUR MPPTS



Product advantages

- Max. efficiency up to 98.90%
- Up to 4 MPPTs with DC overload capability (up to 150%)
- Type II SPD for both DC and AC side
- Prolonged AC overload capability (110%)
- Low start-up voltage, wide MPPT voltage range
- Compatible with 500 W+ modules
- I-V curve scanning function



Model	SOFAR 25KTLX-G3	SOFAR 30KTLX-G3-A
Input (DC)		
Max. input voltage	1100V	
Rated input voltage	620V	
Start-up voltage	200V	
MPPT operating voltage range	180V~1000V	
Number of Mpp trackers	3	
Number of DC inputs	2 for each MPPT	
Max. input MPPT current	3*40A	
Max. input short circuit current	3*50A	
Output (AC)		
Rated output power	25000W	29900W
Rated apparent power	25000VA	29900VA
Max. apparent power	28000VA	29900VA
Rated output current	36.2A	43.3A
Max. Output current	42.4A	45.3A
Rated output voltage	3/N/PE,230/400Vac	
Output voltage range	310Vac-480Vac	
Rated output frequency	50/60Hz	
Output frequency range	45~55Hz/55~65Hz	
Active power adjustable range	0~100%	
THDi	<3%	
Power factor	1 (adjustable+/-0.8)	
Efficiency		
Max. efficiency	98.6%	
European efficiency	98.2%	
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	<3W	
Topology	Transformerless	
Degree of protection	IP65	
Allowable relative humidity range	0~100%	
Max. operating altitude	4000m	
Cooling	Smart air cooling	
Dimension(W×H×D)	585×480×220mm	
Weight	36kg	
Display	LCD & Bluetooth +APP	
Communication	RS485/WiFi	
Standard	IEC 61000-6-1/2/3/4, IEC 62116, IEC 61727, IEC 61683, IEC 60068-1/2/14/30, IEC 62109-1/2 AS/NZS 4777.2:2020	

*All specifications are subject to change without notice.