

SOFAR 60K~80KTLX-G3

60 / 80 kW

THREE-PHASE SIX MPPTS



 Product advantages

- Max. efficiency up to 98.7%
- Longtime 110% AC overload ability
- Type II SPD for both DC and AC side
- 6 MPPTs with 1.5 times DC overload
- Low start-up voltage, wide MPPT voltage range
- Compatible with 500 W+ PV modules
- I-V curve scanning function



Datasheet		SOFAR 60KTLX2-G3	SOFAR 80KTLX-G3
Input (DC)			
Max. input voltage			1100V
Rated input voltage			620V
Start-up voltage			200V
MPPT operating voltage range			180V-1000V
Number of MPPTs			6
Number of DC inputs			2 for each MPPT
Max. input MPPT current			6'40A
Max. input short circuit current			6'60A
Output (AC)			
Rated output power	60000W		80000W
Max. apparent power	66000VA		88000VA
Max. output current	100A		133.3A
Rated output voltage	3/N/PE, 230/400Vac		
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			98.7%
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			<2W
Topology			Transformerless
Degree of protection			IP66
Allowable relative humidity range			0-100%
Max. operating altitude			4000m (>3000m derating)
Cooling			Smart air cooling
Dimension (W×H×D)			687×561×275mm
Weight			50kg
Display			LCD & Bluetooth +APP
Communication			RS485/WiFi
Standard	IEC/EN 61000-6-2/4 IEC 62116, IEC 61727, IEC 61683, IEC 60068-1/2/14/30, IEC/EN 62109-1/2 G99, VDE-AR-N 4105, VDE V 0126-1-1,CEI0-21, EN 50549-1,UNE 217002-2020		

*All specifications are subject to change without notice.