

# SOFAR 60K~80KTLX-C3

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



Model		SOFAR 60KTLX-C3	SOFAR 80KTLX-C3
<b>Input (DC)</b>			
Max. input voltage		1100V	
Rated input voltage		620V	
Startup voltage		200V	
MPPT operating voltage range		180V~1000V	
Number of MPPT trackers		6	
Number of DC inputs		2 for each MPPT	
Max. input MPPT current		6'A0A	
Max. input short circuit current		6'90A	
<b>Output (AC)</b>			
Rated output power	60000W		60000W
Max. apparent power	66000VA		88000VA
Max. output current	100A		133.3A
Rated output voltage	3/N/PE 230/400Vac		
Output voltage range	310V~480Vac		
Rated output frequency	50/60Hz		
Output frequency range	45Hz~55Hz/50Hz~65Hz		
Active power adjustable range		0~100%	
THDi		<3%	
Power factor		1 (adjustable +0.8)	
<b>Efficiency</b>			
Max. efficiency		98.7%	
European efficiency		98.2%	
<b>Protection</b>			
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	
<b>General Data</b>			
Ambient temperature range		-40°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 degrading)	
Cooling		Smart air cooling	
Dimension (W*H*D)		607*561*275mm	
Weight		50kg	
Display		LCD & Bluetooth APP	
Communication		RS485/MFI	
Standard		IEC/EN 61000-6-2/A, IEC 61000-6-4/B, IEC 62101, IEC 61772, IEC 61884, IEC 60086-1/2/14/20, IEC/EN 62109-1/2, GB 19834-2014/US, VDE V 0124-1-1, CBIEC-1, EN 50948-1, IEC 61000-2-0/20	

\*All specifications are subject to change without notice.