

SOFAR 250~350KTLX0

250 / 330 / 350 kW

THREE-PHASE SIX TO EIGHT MPPTS



Product advantages

- Max. efficiency up to 99.05%
- High current input, compatible with 700Wp+ module
- IP66 & C5 protection design for outdoor
- Intelligent string breaking protection for high safety
- I-V curve scanning function



Model	SOFAR 250KTLX0		SOFAR 330KTLX0		SOFAR 350KTLX0	
Input (DC)						
Max. input voltage	1500V					
Rated input voltage	1160V					
Start-up voltage	550V					
MPPT operating voltage range	500V-1500V					
Number of MPP trackers	6		8			
Number of DC inputs	24		32			
Max. input MPPT current	6*60A		8*60A			
Max. input short circuit current	6*100A		8*100A			
Output (AC)						
Rated output power	250kW		330kW		352kW	
Max. apparent power	250kVA		330kVA		352kVA	
Max. output current	180.5A		238.2A		254.1A	
Rated output voltage	3/PE, 800V					
Output voltage range	640-920V					
Rated output frequency	50/60Hz					
Output frequency range	45-55Hz / 55-65Hz					
Active power adjustable range	0-100%					
THDi	<3%					
Power factor	1 (+/-0.8 adjustable)					
Efficiency						
Max. efficiency	99.05%					
European efficiency	98.80%					
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					
Topology	Transformerless					
Degree of protection	IP66					
Allowable relative humidity range	0-100%					
Max. operating altitude	4000m					
Cooling	Smart air cooling					
Dimension (W×H×D)	1159×828×366mm					
Weight	< 111kg		< 113kg			
Display	LED, Bluetooth +APP					
Communication	RS485 / PBUS					
Standard	EN/IEC 62109-1/2, EN/IEC 61000, IEC 62116, IEC 61727, IEC 61683, IEC 60068-2-1/2/14/30, EN 50549, EN 50530, VDE-AR-N 4110/4120, NTS 631, UNE 217002, IEC 62910					

*All specifications are subject to change without notice.