

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 600Wp+ 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℃~+60℃	
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.