

SOFAR 350KTLX0

350 kW

THREE-PHASE EIGHT MPPTS

PRELIMINARY



Product advantages

- Max. efficiency up to 99.05%
- High current input, compatible with 600Wp+ module
- Prolonged AC overload capacity (110%)
- IP66 & C5 protection design for outdoor
- Intelligent string breaking protection for high safety
- I-V curve scanning function



Model	SOFAR 350KTLX0
Input (DC)	
Max. input voltage	1500V
Rated input voltage	1160V
Start-up voltage	550V
MPPT operating voltage range	500V~1500V
Number of MPPT trackers	8
Number of DC inputs	32
Max. input MPPT current	8*60A
Max. input short circuit current	8*100A
Output(AC)	
Rated output power	352kW
Max. apparent power	352kVA
Max. output current	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	113kg
Display	LED, Bluetooth +APP
Communication	RS485 / PBUS

*All specifications are subject to change without notice.