

SOFAR 350KTLX0

350 kW

THREE-PHASE EIGHT MPPTS



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 MPPTs		8
Number of DC inputs		32
Max. input MPPT current		8*60A
Max. input short circuit current		8*100A
Output(AC)		
AC output power		352kVA@40°C /320kVA@45°C /295kVA@50°C
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		5000m(>4000m derating)
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.