

SOFAR 350KTLX0

350 kW

THREE-PHASE EIGHT MPPTS



Product advantages

- Max. efficiency up to 99.05%
- Support high-current input, compatible with 500Wp+ module
- Prolonged AC overload capacity (110%)
- IP66 & C5 protection design for outdoor
- Intelligent string breaking protection for high safety
- I-V curve scanning function



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	350kVA@40°C/ 320kVA@45°C/ 300kVA@50°C
Max. output current	252.6A
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 / PLC

*All specifications are subject to change without notice.