

SCH333~350K-T-EU

Three-Phase String Inverter

333/350kW • 15 MPPTs • 1500Vdc System



Efficient

Higher power generation

- 15 MPPTs with Max. Efficiency 99%
- Max. input current 20A per string, compatible with 700Wp+ module
- Superb temperature performance, full power at 45°C
- 150% DC/AC ratio

Smart

Fully controllable

- Comprehensive range of communication interfaces [PLC / Wi-Fi / RS485(Standard) & 4G / Ethernet(Optional)]
- Q at night (SVG) function
- Smart string monitoring based on I-V curve scanning and diagnosis

Safe

Superb quality with rapid response

- Durable and robust component
- Artfully designed air forced cooling system
- IP66&C5 protection
- Type II SPD for both DC and AC
- Full range of grid monitoring and protection
- Built-in anti-PID and PID recovery function
- Smart DC controllable switch, fast and automatic fault breaking

Model Name	SCH333K-T-EU	SCH350K-T-EU
DC Input		
Max. DC Voltage	1500Vdc	
MPPT Operating Voltage Range	500 - 1500Vdc	
Start Voltage	550Vdc	
Rated DC Voltage	1190Vdc	
Number of MPPT	15	15
Number of DC Connection Sets per MPPT	2	2
Max. input current per MPPT	40A	
Max. DC short-circuit current per MPPT	60A	
String Fuse	/	
DC Disconnection Type	Integrated Switch	
AC Output		
Rated AC Power	333kW	350kW
Max. AC Power	333kVA	350kVA
Rated AC Voltage	800V	
AC Voltage Range*	680 - 880V	
Grid Connection Type	3Φ / PE	
Max. AC Current	241A	253A
Grid Frequency	50 / 60Hz	
Grid Frequency Range	45-55 / 55-65Hz	
Power Factor (cosφ)	>0.99(±0.8 adjustable)	
Current THD	< 3%	
AC Disconnection Type	/	
System Data		
Topology	Transformerless	
Max. Efficiency	99.0%	
Euro Efficiency	98.8%	
Consumption at Night	<5W	
Protection		
Anti-islanding Protection	Yes	
DC reverse polarity protection	Yes	
DC overvoltage protection	Yes	
Insulation resistance detection	Yes	
Residual Current Monitoring Unit	Yes	
Ground fault monitoring	Yes	
Surge Protection	DC Type II / AC Type II	
AC short circuit protection	Yes	
AC overvoltage protection	Yes	
Overheat protection	Yes	
PV string monitoring	Yes	
I-V curve scan&diagnosis	Yes	
PID prevent&recovery	Yes	
Q at night	Yes	
24h grid monitoring	Yes	
Environment Data		
Ingress Protection	IP66	
Cooling Method	Cooling Fans	
Operating Temperature	-30°C to +60°C	
Ambient Humidity	0 - 100%	
Altitude	4000m	
Display and Communication		
Display	LED + APP(Bluetooth)	
Communication	RS485/Ethernet/PLC/CAN	
Mechanical Data		
Dimensions (W*H*D)	1057 * 810 * 400mm	
Weight	143kg	
DC Connection Type	MC4 (Max. 6mm ²)	
AC Connection Type	OT/DT Terminal(Max. 400mm ²)	

* AC Power is different under different rated AC voltage.
* Please consult the local sales staff for detailed certification.