

SCH250~350K-T2-EU

Three-Phase String Inverter



Efficient

- Max. efficiency 99%, Euro efficiency 98.8%
- Supports various components 182, 210R, and 210
- Integrate anti PID and night repair functions



Safety

- 45°C rated power output , 1.1 rated power output at 40°C
- IP66 protection level and C5-M anti-corrosion level
- Intelligent DC release switch



Intelligent

- Supports maximum 400mm² wire connection , saving cable costs
- Supports PLC / RS485, saving communication cable
- Active & Reactive power control

SCH250~350K-T2-EU

Three-Phase String Inverter

Model Name	SCH250/275K-T2-EU		SCH333/350K-T2-EU	
DC Input				
Max. DC Voltage	1500Vdc			
MPPT Operating Voltage Range	500 - 1500Vdc			
Start Voltage	550Vdc			
Rated DC Voltage	1190Vdc			
Number of MPPT	6		6	
Number of DC Connection Sets per MPPT	5		5	
Max. input current per MPPT	80A			
Max. DC short-circuit current per MPPT	125A			
String Fuse	/			
DC Disconnection Type	Integrated Switch			
AC Output				
Rated AC Power	250/275kW		333/350kW	
Max. AC Power	250/275kVA		333/350kVA	
Rated AC Voltage	800V			
AC Voltage Range*	680 - 880V			
Grid Connection Type	3Φ / PE			
Max. AC Current	180.4/198.5A		240.3/252.6A	
Grid Frequency	50 / 60Hz			
Grid Frequency Range	45-55 / 55-65Hz			
Power Factor (cosφ)	>0.99(±0.8 adjustable)			
Current THD	<1%(Rated Condition)			
AC Disconnection Type	/			
System Data				
Topology	Transformerless			
Max. Efficiency	99.02% (preliminary)			
Euro Efficiency	98.8% (preliminary)			
Consumption at Night	<6W			
Protection				
DC reverse connection protection	Yes			
AC short circuit protection	Yes			
Leakage current protection	Yes			
Grid monitoring	Yes			
Ground fault monitoring	Yes			
Surge Protection	DC Type II / AC Type II			
Q at night function	Yes			
PID Prevent&Recovery	Yes			
Environment Data				
Ingress Protection	IP66			
Cooling Method	Cooling Fans			
Operating Temperature	-30° C to +60° C			
Ambient Humidity	0 - 100%			
Altitude	5000 m (>4000 m derating)			
Display and Communication				
Display	LED + APP(Bluetooth)			
Communication	RS485/PLC			
Mechanical Data				
Dimensions (W*H*D)	1120* 780 * 390mm			
Weight	127kg			
DC Connection Type	MC4			
AC Connection Type	OT/DT Terminal(Max.400 mm²)			