

SCH250~350K-T2-EU

Three-Phase String Inverter

250/275/333/350kW • 6 MPPTs • 1500Vdc System

Inverter



Efficient

Appealing yield

- Max. efficiency 99%, Euro efficiency 98.8%
- Supports various components 182, 210R, and 210
- Full power output at 40°C

Smart

Pragmatic option

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

Safety

Solid quality

- Integrate anti PID and night repair functions
- IP66 protection level and C5-M anti-corrosion level
- Intelligent DC release switch

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	275kVA	333/350kVA
Rated AC Voltage	800V	
AC Voltage Range ¹	680 - 880V	
Grid Connection Type	3 Φ / PE	
Max. AC Current	198.5A	240.3/252.6A
Grid Frequency	50 / 60Hz	
Grid Frequency Range	45-55 / 55-65Hz	
Power Factor (cos ϕ)	>0.99(\pm 0.8 adjustable)	
Current THD	<1%(Rated Condition)	
AC Disconnection Type	/	
System Data		
Topology	Transformerless	
Max. Efficiency	99.02%	
Euro Efficiency	98.8%	
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	123kg	
DC Connection Type	MC4 Max. 6mm ² (10mm ² Optional)	
AC Connection Type	OT/DT Terminal(Max.400 mm ²)	
Safety		
Certifications ²	IEC61000, IEC/EN 62109, IEC61727/62116, IEC61683 EN50549-2/10,EN50530 IEC62910	

*1 AC Power is different under different rated AC voltage.

*2 Please consult the local sales staff for detailed certification.

*3 For reference only. Chint Power reserve the right to alterations for the data above.