

SCH250~350K-T2-EU

Three-Phase String Inverter

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



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	3Φ / PE		
Max. AC Current	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%		
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.