

SCH333/350K-T-EU

Three-Phase String Inverter
333/350kW • 15 MPPTs • 1500Vdc System



Efficient

Appealing yield

- 15 MPPTs with Max. Efficiency 99.00%
- Max. input current 20A per string, compatible with 700Wp+ module
- Superb temperature performance, full power at 45°C

Smart

Pragmatic option

- Comprehensive range of communication interfaces [PLC / Wi-Fi / RS485(Standard)]
- Q at night (SVG) function
- I-V curve scanning and diagnosis

Safety

Solid quality

- IP66&C5 protection
- Built-in anti-PID and PID recovery function
- Smart DC controllable switch

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	
DC Disconnection Type	Integrated Switch	
AC Output		
Rated AC Power	333kW	350kW
Max. AC Power	333kVA	350kVA
Rated AC Voltage	800V	
AC Voltage Range ¹	680 - 880V	
Grid Connection Type	3 / N / 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%	
System Data		
Topology	Transformerless	
Max. Efficiency	99.00%	
Euro Efficiency	98.80%	
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	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 (10mm ² Optional)	
AC Connection Type	OT/DT Terminal(Max. 400mm ²)	
Safety		
Certifications ²	IEC61000, IEC/EN 62109, IEC61727/62116, IEC61683, IEC60068, EN50549-2/10, EN50530, VDE-AR-N 4110:2023, VDE-AR-N4120:2018, NC RFG, CEI 0-16, UNE 217002, NTS V2.1, UTEC15-712-1:2013	

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.