

SCH333/350K-T-EU

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



Efficient

Higher power generation

- 15 MPPTs with Max. Efficiency 99.0%
- 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		
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	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	99.0%		
Euro Efficiency	98.8%		
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 gird 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. 6mm²)		
AC Connection Type	OT/DT Terminal(Max. 400mm²)		

*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.