

CHINT 60kW

Chint Power String Inverter
High Return of the Whole Life Cycle



Low Investment

Three-phase string series inverters not only are diversified products providing optional DC switch, integrated DC combiner box, standard class II lightning protection, optional string detecting board, PID protection module and GPRS/Wi-Fi/PLC/RS485 wireless communication, which can match the requirements of different customers, but also can support 10% rated overload which can efficiently decrease initial investment of system.

High Profits

Three-phase string inverters can provide 99% maximum efficiency, 98.5% Euro efficiency, 99.5% MPPT efficiency, advanced topology design and international known device options, which can guarantee the profits of the Whole Life Cycle.

Maintenance Warranty

Three-phase string inverters can provide standard warranty for 5 years, optional extended warranty for 10-25 years and smart operation platform, which can efficiently guarantee the maintenance of the Whole Life Cycle.

Model Name	60kW
DC Input	
Rated DC Input Power	61.5kW
Max. DC Input Power/ each MTTP	81kW/27kW
Max. DC Input Voltage	100Vdc
Operating DC Input Voltage Range	200-1000Vdc
MPPT Voltage Range(Full load)	580-850Vdc
Start-up DC Input Voltage/ Power	330Vdc/ 80W
Rated DC Input Voltage	780Vdc
Number of MPPT / Number of DC Input	3/4
Max. Input Current	3*38A
DC Disconnection Type	Integrated DC Switch
AC Output	
Rated AC Output Power	60kW
Max. AC Output Power	66kVA
Rated Output Voltage	277/480Vac
Output Voltage Range*	422/528Vac
Grid Connection Type	3Φ/ N(Optional) / PE
Max AC Output Current	80A
Rated Output Frequency	50Hz
Output Frequency Range*	47-53Hz
Power Factor	>0.99 (±0.8 adjustable)
Current THD	<3%
AC Disconnection Type	-
System	
Topology	Transformerless
Max. Efficiency	98.80%
Euro Efficiency	98.50%
Stand-by / Night Consumption	<20W / <1W
Environment	
Protection Degree	IP65
Cooling	Variable speed cooling fans
Operating Temperature Range	-25°C - +60°C (derating from +45°C)
Operating Humidity	0-100%, Non-condensing
Operating Altitude	4000m (derating from 3000m)
Display and Communication	
Display	LCD + LED
Communication	Standard: RS485 / Option:PLC & Ethernet
Mechanical Data	
Dimensions (WxHxD) (mm)	600*826*260
Weight (kg)	65
Safety	
Safety and EMC Standard	LVD: 2006/95/EC EMC: 2004/108/EC,IEC/EN 62109-1:2010,IEC/EN 62109-2: 2011; IEC/EN61000-6-2: 2005,IEC/EN61000-6-3: 2007, NB/T320004-2014;GT/T19964-2012
Grid Standard	IEC61727/ IEC62116