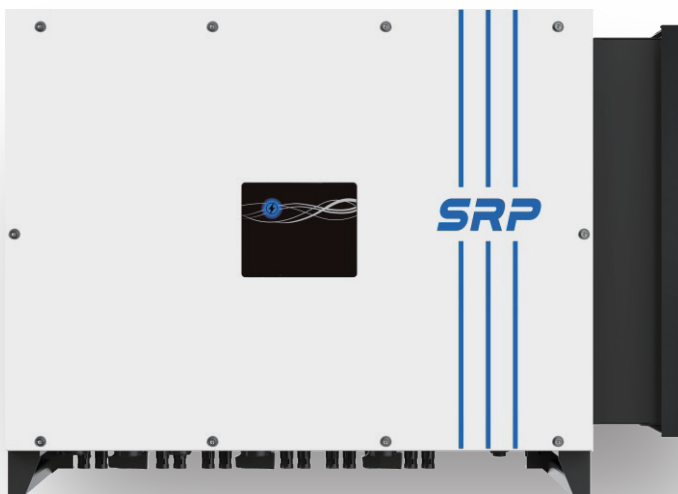




Grid-Tied Inverter-Three Phase 100K~125K



Product Features

- 150% PV configuration, 110% output overload
- Max 9 MPPTs design
- Integrated I/V scanning, support AFCI and PID Recovery
- IP66 protection, C5 anti-corrosion optional
- Remote upgrade and configuration; safety-related functions integrated

	SRP-100KCT-G1	SRP-110KCT-G1	SRP-125KCT-G1
PV String Input Data			
Max. Array Input Power (kW)	150	165	187.5
Max. DC Input Voltage (V)		1100	
Nominal DC Input Voltage (V)		620	
Start-up Voltage (V)		250	
MPPT Voltage Range (V)		200-1000	
Max. Input Current per MPPT (A)	3*40/5*32		3*40/6*32
Max. Short-circuit Current per MPPT (A)	3*50/5*45		3*50/6*45
No. of MPPT	8		9
No. of Strings per MPPT		2	
AC Output Data			
Nominal Output Active Power (kW)	100	110	125
Nominal Output Apparent Power (kVA)	100	110	125
Max. Output Active Power (kW)	110	121	137.5
Max. Output Apparent Power (kVA)	110	121	137.5
Nominal Output Voltage (V)		400Vac, 3L+N+PE	
Nominal Output Frequency (Hz)		50/60	
Output Frequency Range (Hz)		45~65 (Adjustable)	
Max. Output Current (A)	168.8	187	167.3
Power Factor		~1 (Adjustable from 0.8 leading to 0.8 lagging)	
THDi	<3%	<3%	<3%
Efficiency			
Max. Efficiency	98.50%	98.60%	98.80%
Europ Efficiency	98.00%	98.20%	98.40%
Protection			
PV Reversed Polarity Protection		Yes	
Residual Current Monitor		Yes	
PV Over Voltage Protection		Yes	
PV Over Current Protection		Yes	
AFCI		Optional	
DC Switch		Yes	
PID Recovery		Optional	
PV String Monitoring		Optional	
Anti-islanding Protection		Yes	
DC/AC Surge Protection		Type II, Type II	
Insulation Resistor Detector		Yes	
GFCI		Yes	
Output Over Current Protection		Yes	
Output Short Circuit Protection		Yes	
Output Over Voltage Protection		Yes	
Night Load Consumption Monitoring		Optional	
General			
Operating Temperature Range (°C)		-25~60 (>45°C derating)	
Relative Humidity		0~100%	
Max. Operating Altitude (m)		4000 (>2000m derating)	
Cooling Method	Fan Cooling	Fan Cooling	Fan Cooling
User Interface		Wireless & APP+LED, LCD (optional)	
Communication		RS485, Optional: WiFi/GPRS/4G/LAN	
Weight (kg)		92	
Dimension (W*H*D mm)		850*670*356	
Topology		Transformerless	
Self-consumption at Night (W)		<10	
Ingress Protection Rating		IP66	
Mounting Method		Wall Bracket	