



Grid-tied Inverter

E-CHO-SI5KS2



Product Features



LED Display, Touch
Button Design,
Direct Data View



Maximum Efficiency 97.6%,
More Power Generation



14A String Current, Suitable
for High Current High
Efficiency Module Applications



Dual MPPT, Support for
Parallel Connection for
Greater Adaptability



130% DC over Configuration,
110% AC Overload Output;
Wide DC Voltage Range



IP65 Protection, Built-in SPD
Protection for Safety
and Reliability



Intelligent Remote
Monitoring



Support Anti-backflow
Function

Specification

Model		E-CHO-SI5KS2
Input Data		
Max. DC input power		6500W
Max. DC input voltage		550V
Operation voltage range		80V-540V
Number of independent MPPT / strings per MPPT		2/1+1
MPPT max. current		14A/14A
Max.Short circuit current per MPPT		18A/18A
AC Output Data		
Rated output power		5kW
Max. output power		5500W
Rated output voltage		220V ±20%
Rated output frequency		60Hz/±5Hz
Rated output current		21.8A
Max. output current		24A
Power factor		±0.8
THDi		<3%
Grid system pattern		L+N+PE
Efficiency		
Max. Efficiency		97.6%
Europe efficiency		96.8%
General Data		
Dimensions (L/W/H)		330mm/312mm/188mm
Weight		11.4kg
Operation temperature range		-25°C...+60°C
Noise		≤25dB
Heat dissipation mode		Natural
IP Class		IP65
Features		
LCD display		Yes
Communication interface		WiFi/GPRS/RS485