

STK SERIES

THREE PHASE STRING INVERTER

SKT100-S

SKT110-S

Enabling seamless integration of inverters with
the grid and renewable energy sources.



Power.
Control.
Future.

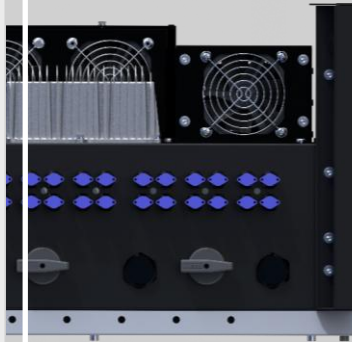


Powering a greener, smarter future

System Expansion



Multi MPPT



Intelligent Monitoring



Energy,
made
easy

*The temperatures mentioned above are limited to BMS ranges, these values may not be covered by the performance warranty.
We recommend that you contact WeCo for the most up-to-date datasheet, read the warranty and manual before making any purchase decisions.
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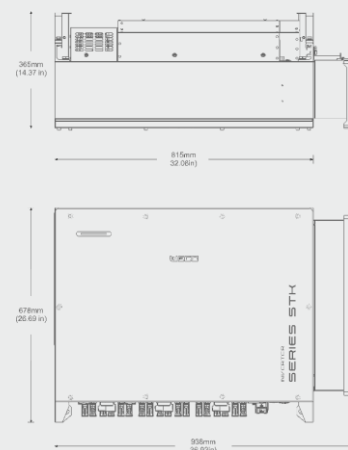
STK SERIES

INVERTERS

WECO

Specifications

Parameter	SKT100-S	SKT110-S
Max. Efficiency	98.5%	98.6%
European Efficiency	98.0%	98.2%
Max. Input Voltage	1100V	
Max. PV Configuration	150%	
Rated Input Voltage	620V	
Max. Input Current	5*32A/3*40A	6*32A/3*40A
Max. Short Circuit Current	5*45A/3*50A	6*45A/3*50A
Start Input Voltage/ Min. Operating Voltage	250V/200V	
MPPT Operating Voltage Range	200V-1000V	
Max. Number of PV Strings	8*2	9*2
No. of MPPTs	8	9
Rated AC Active Power	100,000W	110,000W
Max. AC Apparent Power	111,000VA	123,000VA
Max. AC Output Current	3*168.8A	3*187A
Rated AC Voltage	300V/400V, 3W+N+PE	
AC Voltage Range*	320V-520V (Adjustable)	
Rated Grid Frequency	50Hz/60Hz	
Grid Frequency Range**	45Hz-55Hz/55Hz-65Hz (Adjustable)	
THDI	<3% (Rated Power)	
DC Current Injection	<0.5%In	
Power Factor	>0.99 Rated power (Adjustable 0.8 LD – 0.8 LG)	
DC Switch	Yes	
Anti-islanding Protection	Yes	
AC Overcurrent Protection	Yes	
AC Short Circuit Protection	Yes	
DC Reverse Connection	Yes	
Surge Arrester	DC Type II/AC Type II	
Insulation Detection	Yes	
Leakage Current Protection	Yes	
AFCI	Optional	
PID Recovery	Optional	
PV String Monitoring	Yes	
Night Load Consumption Monitoring	Optional	
Topology	Transformerless	
IP Rating	IP66	
Night Self Consumption	<10W (Standard)	
Cooling	Fan cooling	
Operating Temperature Range	-25°C-60°C	
Relative Humidity Range	0-100%	
Max. Operating Altitude	4000m	
Dimensions (W*H*D)	936mm*678mm*365mm	
Weight	91.5kg	92kg
Display	Wireless & APP+LED, LCD (Optional)	
Communication	RS485, Optional: WiFi/GPRS/4G/LAN	
Safety Certification	IEC 62109-1, IEC 62109-2	
Grid Code Certification	EN 50549-1/-2, IEC 61727/62116, VDE-AR-N 4105, CEI 0-21/16, UNE 206006/206007-1, UNE 217001	
Warranty	5 Years	



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wecobatteries.com

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ENERGY STORAGE INVERTER 100S – 110S



IP 66 Certified

Designed to brave the elements, with its IP66 rating, it's dust-tight and water-resistant, ensuring peak performance in any outdoor scenario.



Mobile App

Connects with the WeCo mobile app, enabling real-time monitoring of performance and energy usage



WiFi / Bluetooth

Enables effortless wireless communication and remote monitoring, enhancing convenience and flexibility in operation.



Guarantee

Comes with a full 5-year guarantee, ensuring long-lasting performance and reliability for ultimate peace of mind.

WECO

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