

SolarRiver Series



SolarRiver (abbr.: SR) series PV grid-tied inverters are string inverters especially designed for PV power station. They afford a huge flexibility for PV power plants, by providing three power levels, multi-string devices (parallel Mode) and using transformerless topology. SR series string inverters are not only with high cost-effective, but also have modern appearance and design. Moreover, our products strictly comply with many international certification and standards, like CE, RD1663, DK5940, VDE0126-1-1 and AS4777.

TYP SR3K3TLA1 TYP SR4K4TLA1 TYP SR5KTLA1

■ Features

- Utilizing the latest high-efficiency power device for PV inverters to improve the inverter efficiency
- Optimal MPPT technology, maximizing the system output power
- Multiple communication via RS232,RS485 (optional)
- Multilingual LCD monitoring, easy to use
- Multi-inverter parallel running mode, simplifying the plant design
- Protection for overvoltage, islanding, overload, overheating, etc.
- Modern appearance design, compact profile and light weight
- Plug connectors for input and output, easy to install and maintain



Adapt To Any Weather



www.solarstrom-wechselrichter.de

Technical Data

SolarRiver Series 3.3-5KW

Inverter Model	SR3K3TLA1	SR4K4TLA1	SR5KTLA1
Input Data			
Max.DC power[Wp]	3480	4580	5200
Max.DC voltage[V]	550	550	550
Max.input current[A]	17.5	22	26
Number of MPP trackers	1	1	1
MPPT voltage range[V]	200-500	200-500	200-500
Number of DC connection	2	2	2
Output Data			
Rated AC power[W]	3000	4000	4600
Max. output power[W]	3300	4400	5000
Max. output current[A]	16	22	24
AC connection	Single phase	Single phase	Single phase
Grid voltage range[V]	180-260	180-260	180-260
Grid frequency[Hz]	50/60	50/60	50/60
Power factor	>0.99	>0.99	>0.99
Total Harmonic distortion(THD)	<3%(rated power)	<3%(rated power)	<3%(rated power)
Efficiency			
Max. efficiency	97.4%	97.6%	97.6%
Euro efficiency	96.5%	97.1%	96.8%
General data			
Dimensions(W*H*D)[mm]	329*433*180	329*433*180	329*433*180
Weight[kg]	17.8	18.6	18.7
Operating temperature range[°C]	-20~+60	-20~+60	-20~+60
Ambient humidity	0-95%	0-95%	0-95%
Altitude[m]	≤2000	≤2000	≤2000
Electronics protection	IP65	IP65	IP65
Topology	transformerless	transformerless	transformerless
Night-time consumption[W]	0	0	0
Cooling concept	Convection	Cooling concept	Cooling concept
Noise level(typical) [dB]	<28	<40	<40
Display	LCD	LCD	LCD
Communication interface	RS485/RS232	RS485/RS232	RS485/RS232
Standard warranty[year]	5	5	5
Inverter Model	SR3K3TLA1	SR4K4TLA1	SR5KTLA1

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