

Features:

Leading-edge Technology

- Transformerless H6 Topology
- Wide MPP voltage range
- Compact design
- Small size and lightweight

Flexibility

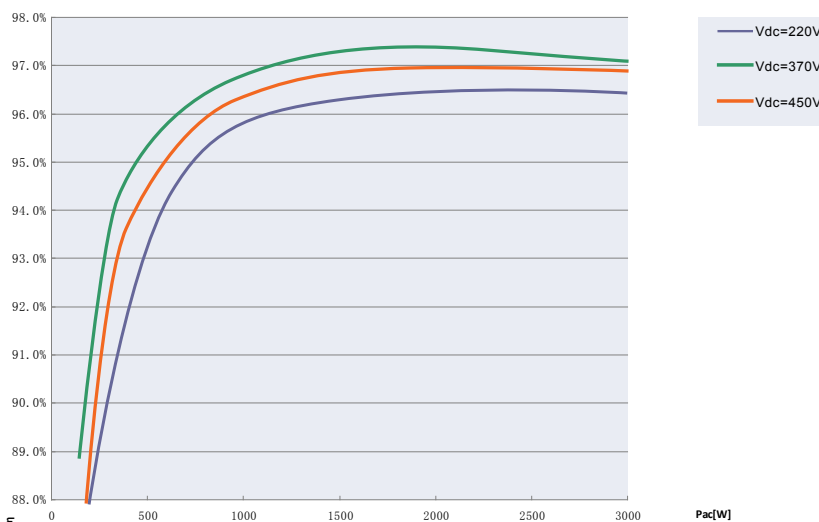
- Use for indoor or outdoor (IP65)
- "Plug and play" connection for easy installation and maintenance
- Multi-lingual display
- Simple national setting
- Automatic country configuration

Built to last

- Stainless steel housing
- Automatic protection including over voltage, islanding, short circuit, overload and under voltage, under load, etc.
- 5 years standard warranty, up to 20 years warranty extension.



SolarRiver 3300TL Efficiency



Datasheet

Inverter Model	SolarRiver 3300TL	SolarRiver 4400TL	SolarRiver 5200TL
Input (DC)			
Max. DC power [W]	3480	4580	5200
Max. DC voltage [V]	550	550	550
Max. input current [A]	17.5	21	26
Number of MPP trackers / Strings per MPP tracker	1 / 2	1 / 2	1 / 2
MPPT voltage range (at rated power) [V]	200~500	200~500	200~500
Shutdown voltage /Start voltage [V]	70 / 100	70 / 100	70 / 100
Output (AC)			
AC nominal power [W]	3000	4000	4600
Max. AC power [W]	3300	4400	5000
Max. AC current [A]	16	22	24
Nominal AC voltage / range [V]	230 / 180~270	230 / 180~270	230 / 180~270
AC grid frequency / range [Hz]	50 / 47~52	50 / 47~52	50 / 47~52
Power factor (cosφ)	1	1	1
Total harmonic distortion (THDi) (at nominal power)	<3%	<3%	<3%
Efficiency			
Max. efficiency	97.4%	97.6%	97.6%
Euro efficiency	96.5%	97.1%	96.8%
MPPT efficiency	99.9%	99.9%	99.9%
General data			
Dimensions (W / H / D) [mm]	329 / 433 / 180	329 / 433 / 180	329 / 433 / 180
Weight [kg]	18.9	19.2	19.4
Operating temperature range [°C]	-20~+60 (derating at 45 °C)	-20~+60 (derating at 45 °C)	-20~+60 (derating at 45 °C)
Ingress protection	IP65	IP65	IP65
Topology	transformerless	transformerless	transformerless
Internal consumption (night) [W]	0	0	0
Cooling concept	Convection	Fan	Fan
Noise (typical) [dB]	<30	<40	<40
LCD display	Backlight, 16*2 Character LCD	Backlight, 16*2 Character LCD	Backlight, 16*2 Character LCD
Communication port	RS485 / RS232	RS485 / RS232	RS485 / RS232
Standard warranty [year]	5	5	5
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