

Features:

Leading-edge Technology

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

Flexibility

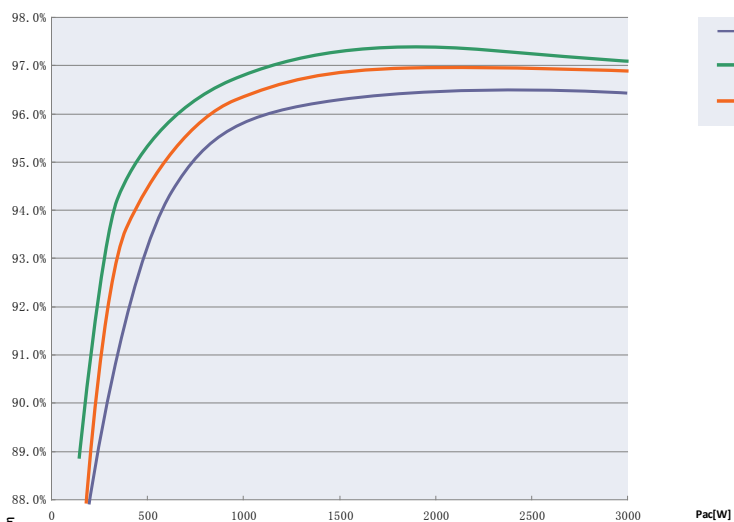
- Use for indoor or outdoor (IP65)
- "Plug and play" connection for easy installation and maintenance
- Multi-lingual display
- Simple national setting
- Automatic country configuration

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 |
| Inverter Model | SolarRiver 3300TL | SolarRiver 4400TL | SolarRiver 5200TL |