

Dual  
MPPT



## PV Grid-tied Inverters

SolarRiver 3400TL-D / 4000TL-D / 4500TL-D / 5000TL-D / 5200TL-D / 6000TL-D

### LEADING-EDGE TECHNOLOGY

- Dual MPPT for independent or parallel inputs mode (auto detecting)
- Wide MPP voltage range
- No fan design for higher reliability and lower noise
- Embedded DC switch (optional)

### FLEXIBILITY

- Tool-free DC connector for easy installation and maintenance
- RS485, WiFi and Ethernet communication for more flexible configuration and monitoring
- Use for indoor or outdoor (IP65)
- 3.5 inch TFT LCD display and Multi-lingual display
- Grid protection standard setting is more convenient and safer by using service password

### BUILT TO LAST

- Anti-theft protection
- 5 years standard warranty, up to 25 years warranty extension

### CERTIFICATES

- Comply with NEW CEI 0-21 (Italy), VDE AR-N4105 (Germany), AS4777, G83/G59, C10/C11, ect.  
(Comply with around 20 countries' Grid Standards)

# Datasheet of SolarRiver-D Series

## Inverter model

SolarRiver 3400TL-D   SolarRiver 4000TL-D   SolarRiver 4500TL-D   SolarRiver 5000TL-D   SolarRiver 5200TL-D   SolarRiver 6000TL-D

### Input (DC)

Max. DC Power [W]	3400	4000	4500	5000	5200	6000
Max. DC Voltage [V]	550	550	550	550	550	550
Max. Input Current [A]	10.5/10.5	12/12	13.5/13.5	15/15	15/15	15/15
Feed-in Start Voltage [V]	150	150	150	150	150	150
Operating Voltage Range [V]	100-550	100-550	100-550	100-550	100-550	100-550
MPP Voltage Range (Full Load) [V]	160-500	165-500	165-500	175-500	175-500	210-500
Numbers of MPPT	2	2	2	2	2	2
Strings per MPPT	1	1	1	1	1	1
DC Switch	Optional	Optional	Optional	Optional	Optional	Optional

### Output (AC)

Rated AC Power [VA]	3000	3680	4000	4600	4600	5750
Max. AC Power [W]	3200	3680	4300	4600	5000	5750
Max. AC Current [A]	16	16	22	23	24	25
Rated AC Voltage / Range [V]	230/180-270					
Rated AC Frequency / Range [Hz]	50/47-52					
Power Factor (cos $\phi$ )	0.8lagging-0.8leading					
THDi (at rated power)	<3%					

### Efficiency

Max. Efficiency	97.4%	97.6%	97.6%	97.6%	97.6%	97.4%
Euro Efficiency	96.5%	97.1%	97.1%	97.1%	97.1%	96.8%
MPPT Efficiency	99.9%					

### General Data

Dimension (W*H*D) [mm/in]	520 * 380* 175/20.1*15.0*6.9					
Weight [kg/lb]	23/51	25/55	25/55	25/55	25/55	25/55
Operating Temperature Range[°C/°F]	-20-+60/-4-140					
Cooling	Convection					
Ingress protection (IP)	IP65					
Display	3.5 inch TFT LCD					
Communication	Ethernet(Standard); RS485(Optional) / WiFi(Optional)					
Warranty (5/10/15/20/25years)	Std./OPT./OPT./OPT./OPT.					
Certificates	CE, TUV, BDEW, VDE 0126-1-1, RD 1663, G59, DK5940, EN50178, EN61000-3-2, EN6100-6-1/2/3/4, IEC-62109, VDE AR-N-4105, CEI 0-21, AS4777					

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