

MAKE THE DIFFERENCE



\*Pictures shown are for illustration purposes only.  
Actual product may vary from illustration.



## Three-Phase String Inverter

**CSI-10kW**

### Key Features

- Max. efficiency up to 98.5%, Max. EU efficiency up to 98.0%
- 2 MPPTs for complex application scenarios to achieve higher system efficiency
- 20A input for each string to support the access of a variety of high-power modules
- Light weight design and easy installation
- Zero export limitation function

### High Reliability

- SPD Type II for DC and AC
- Residual current detection and protection
- No-fuse design
- Input reverse protection
- IP66 protection level, strong environmental adaptability
- Built-in DC switch
- AFCI function(optional)

**TECHNICAL DATA**

Model Name	CSI-10K-T4001A-E
<b>INPUT (DC)</b>	
Max. Input Voltage	1100 V <sub>DC</sub>
Start-up DC Input Voltage	180 V <sub>DC</sub>
Rated Input Voltage	630 V <sub>DC</sub>
MPPT Voltage Range	160 - 1000 V <sub>DC</sub>
Max. String Input No.	2
MPPT No.	2
Max. Input Current	2 * 20 A
Max. DC short-circuit current	2 * 30 A
<b>OUTPUT (AC)</b>	
Rated AC Output Power	10 kW
Max. AC Output Power (Apparent)	10 kVA
Rated Output Voltage	380 V <sub>AC</sub> / 400V <sub>AC</sub>
Grid Connection Type	3 L/N/PE
Max. Output Current	15.1 A
Rated Output Frequency	50 / 60 Hz
THDi	<3 %
Power Factor	0.8 leading ... 0.8 lagging
Zero Export Solution	Support
<b>EFFICIENCY</b>	
Max. Efficiency	98.50 %
EU Efficiency	98.00 %
<b>ENVIRONMENT</b>	
Protection Degree	IP66
Cooling	Natural convection
Operating Temperature Range	-30 °C to +60 °C
Operating Humidity	0 - 100 % Non-condensing
Operating Altitude	4000 m (> 3000 m derating)
<b>PROTECTION</b>	
DC Switch	Yes
Anti-Islanding Protection	Yes
DC Reverse-Polarity Protection	Yes
DC Insulation Resistance Detection	Yes
Residual Current Monitoring	Yes
AC Output Over Current Protection	Yes
AC Short Circuit Protection	Yes
Grid Monitoring	Yes
AFCI	Optional
DC / AC SPD	DC SPD Type II / AC SPD Type II
<b>DISPLAY AND COMMUNICATION</b>	
Display	LED Indicators & APP
Communication	WiFi (Optional)
<b>MECHANICAL DATA</b>	
Dimensions (W / H / D)	435 x 520 x 194 mm
Weight	17 kg
DC Inputs Type	MC4
AC Outputs Type	Quick Connection Plug
<b>CERTIFICATION</b>	
Safety / EMC	IEC 62109-1/2, IEC 61000-6-1/2/3/4, IEC 61683 & EN 50530
Grid Code	IEC 61727/62116