



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



Three-Phase String Inverter

CSI-10kW | CSI-15kW | CSI-17kW | CSI-20kW | CSI-23kW | CSI-25kW

Key Features

- Max. efficiency up to 98.6%, Max. CEC efficiency up to 98.0%
- 2 MPPTs for complex application scenarios to achieve higher system efficiency
- 16A input for each string to support the access of a variety of high-power modules
- Lightweight design and easy installation
- Zero export limitation function

High Reliability

- Intelligent convection cooling
- 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	CSI-15K-T4001A-E	CSI-17K-T4001A-E	CSI-20K-T4001A-E	CSI-23K-T4001A-E	CSI-25K-T4001A-E
INPUT (DC)						
Max. Input Voltage	1100 V _{DC}					
Start-up DC Input Voltage	180 V _{DC}					
Rated Input Voltage	630 V _{DC}					
MPPT Voltage Range	160 - 1000 V _{DC}					
Max. String Input No.	2					4
MPPT No.	2					
Max. Input Current	2 *20 A					32 A / 32 A
Max. DC short-circuit current	2 *30 A					40 A / 40 A
OUTPUT (AC)						
Rated AC Output Power	10 kVA	15 kW	17 kW	20 kW	23 kW	25 kW
Max. AC Output Power (Apparent)	10 kVA	15 kVA	17 kVA	20 kVA	23 kVA	25 kVA
Rated Output Voltage	380 V _{AC} / 400 V _{AC}					
Grid Connection Type	3 L / N / PE					
Max Output Current	15.1 kVA	22.8 A	25.8 A	30.4 A	34.9 A	38.0 A
Rated Output Frequency	50 / 60 Hz					
THDi	< 3 %					
Power Factor	0.8 leading ... 0.8 lagging					
Zero Export Solution	Supported					
EFFICIENCY						
Max. Efficiency	98.3 %	98.5 %	98.5 %	98.6 %	98.6 %	98.6 %
EU Efficiency	97.4 %	98.0 %	98.0 %	98.0 %	98.0 %	98.0 %
ENVIRONMENT						
Protection Degree	IP66					
Cooling	Intelligent Air Cooling					
Operating Temperature Range	-30 °C to +60 °C					
Operating Humidity	0 - 100 % Non-condensing					
Operating Altitude	4000 m (> 3000 m derating)					
PROTECTION						
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					
DISPLAY AND COMMUNICATION						
Display	LED Indicators & APP					
Communication	WiFi (Optional)					
MECHANICAL DATA						
Dimensions (W / H / D)	435 x 520 x 194 mm					
Weight	17kg	17kg	17kg	19kg	19kg	19kg
DC Inputs Type	MC4					
AC Outputs Type	Quick Connection Plug					
CERTIFICATION						
Safety / EMC	IEC62109, IEC 61000-6-2/3					
Grid Code	IEC61727 & IEC62116					