



3.0 to 6.0kW Dual String Single Phase

Suitable for solar installations from
2.4kWp up to 9.0kWp (DC)

- **Discreet and Lightweight** - Compact and stylish with whisper quiet operation.
- **Enhanced Generation** - low start-up voltage generates power in low light conditions.
- **Smart Control.** Generation monitoring and optional export limitation.
- **Safe and Reliable.** Factory fitted DC isolator switch for improved safety.
- **10 Year Warranty.**
- **UK Technical and Design Support.**

Specification

		CSI3000D	CSI3600D	CSI5000D	CSI6000D
OUTPUT					
Nominal Output Power	W	3,000	3,600	5,000	6,000
Nominal Output Apparent Power	VA	3,000	3,600	5,000	6,000
Max. AC Active Power	W	3,300	3,600	5,500	6,600
Max. AC Apparent Power	VA	3,300	3,600	5,500	6,600
Nominal Output Voltage	V	220/230/240	220/230/240	220/230/240	220/230/240
Nominal AC Grid Frequency	Hz	50/60	50/60	50/60	50/60
Max. Output Current	A	14.4	16.0	24.0	28.8
Power Factor		~1 (adjustable from 0.8 leading to 0.8 lagging)			
Max. Total Harmonic Distortion		<3%	<3%	<3%	<3%
INPUT					
Max. Input Power	W	4,500	5,400	7,500	9,000
Max. Input Voltage	V	600	600	600	600
MPPT Operating Voltage Range	V	40~560	40~560	40~560	40~560
Start-up Voltage	V	50	50	50	50
Nominal Input Voltage	V	360	360	360	360
Max. Input Current per MPPT	A	16	16	16	16
Max. Short Circuit Current per MPPT	A	23	23	23	23
Number of MPPT Trackers		2	2	2	2
Number of Strings per MPPT		1	1	1	1
EFFICIENCY					
Max. Efficiency		97.9%	97.9%	97.9%	97.9%
European Efficiency		97.0%	97.0%	97.3%	97.4%

GENERAL		
Operating Temperature Range	°C	-25 to +60
Relative Humidity		0 to 100%
Max. Operating Altitude	m	4,000
Cooling Method		Natural Convection
User Interface		LED, LCD, WLAN and App
Communication		WiFi or LAN
Weight	kg	12.8, 13.4 (CSI6000)
Dimensions (WxHxD)	mm	350 x 410 x 143
Noise Emission	dB	<25
Topology		Non-isolated
Standby Power Consumption	W	<1
Ingress Protection (IP) Rating		IP66
DC Connector		MC4 (4-6 mm ²)
AC Connector		plug and play connector (max 6mm ²)

PROTECTION	
PV Insulation Resistance Detection	Integrated
Residual Current Monitoring	Integrated
Anti-Islanding Protection	Integrated
AC Overcurrent Protection	Integrated
AC Short Circuit Protection	Integrated
AC Overvoltage Protection	Integrated
DC Switch	Integrated
DC Surge Protection	Type III (Type II Optional)
AC Surge Protection	Type III (Type II Optional)
AFCI	Option
Emergency Power Off	Option
Remote Shutdown	Option

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