

Solar Inverter

3.6 to 6.0 kW Single Phase

Suitable for solar installations from 3.6kWp 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
- ▲ **Peace of mind**
10 year warranty
- ▲ **Smart control**
Generation monitoring and optional export limitation
- ▲ **Safe and reliable**
Factory fitted DC isolator switch for improved safety
- ▲ **Experts in solar**
UK technical and design support

Specification

	MACSI3600	MACSI5000	MACSI6000	
OUTPUT	Nominal output power	3600W	5000W	6000W
	Nominal output apparent power	3600W	5000W	6000W
	Max. AC active power	3960W	5500W	6600W
	Max. AC active apparent power	3960W	5500W	6600W
	Nominal output voltage	220V / 230V / 240V	220V / 230V / 240V	220V / 230V / 240V
	Nominal AC grid frequency	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz
	Max. output current	17.3A	24.0A	28.8A
	Power factor	~ 1 (adjustable from 0.8 leading to 0.8 lagging)		
	Max. total harmonic distortion	<3%	<3%	<3%
INPUT	Max. input power	5400W	7500W	9000W
	Max. input voltage	600V	600V	600V
	MPPT operating voltage range	40V~560V	40V~560V	40V~560V
	Start-up voltage	50V	50V	50V
	Nominal input voltage	360V	360V	360V
	Max. input current per MPPT	16A	16A	16A
	Max. short circuit current per MPPT	23A	23A	23A
	Number of MPPT trackers	2	2	2
	Number of strings per MPPT	1	1	1
EFFICIENCY	Max. efficiency	97.9%	97.9%	97.9%
	European efficiency	97.0%	97.3%	97.4%

GENERAL	
Operating temperature range	-25°C to 60°C
Relative humidity	0 to 100%
Max. operating altitude	4000m
Cooling method	Natural convection
User interface	LED, LCD, WLAN and App
Communication	Wifi or LAN
Weight	12.8kg, 13.4kg (CSI6000)
Dimensions (WxHxD)	350 x 410 x 143mm
Noise emission	<25dB
Topology	Non-isolated
Standby power consumption	<1W
Ingress protection (IP) rating	IP66
DC connector	MC4 (4-6mm 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



Tell me more

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V1.0 16.02.2024

