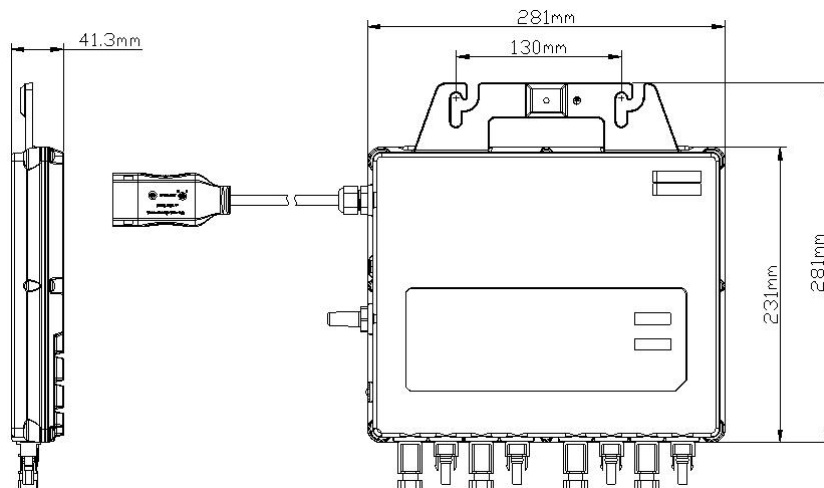


Leading the Industry in
Solar **Microinverter** Technology

QS1200 Microinverter

- Single unit connects up to four solar modules
- 4 input channels with independent MPPT and monitoring function
- Maximum continuous output power up to 1200W
- Auto disconnection device integrated

DIMENSIONS



Our flagship new range of Grid-tied microinverters with Reactive Power Control (RPC) features includes the new QS1200. The APsystems QS1200 is a grid-tied microinverter with intelligent networking and advanced monitoring systems to ensure maximum efficiency. High efficiency, high reliability of the QS1200 with 4 independent MPPT inputs, Maximum AC output power reaching 1200W. Half the inverters and half the installation means real cost savings for residential and commercial customers.

QS1200 Microinverter Datasheet

Region
Model **EMEA**
QS1200

Input Data (DC)

Recommended PV Module Power (STC)	250Wp-375Wp
MPPT Voltage Range	22V-48V
Operation Voltage Range	16V-55V
Maximum Input Voltage	60V
Startup Voltage	20V
Maximum Input Current	12A×4
Maximum DC short circuit current	15A×4

Output Data (AC)

Maximum Continuous Output Power	1200W
Nominal Output Voltage	230V
Nominal Output Current	5.22A
Adjustable Output Voltage Range	160V-278V
Nominal Output Frequency	50Hz
Adjustable Output Frequency Range	45.1Hz-54.9Hz
Power Factor	>0.99
Total Harmonic Distortion	<3%

Efficiency

Peak Efficiency	96.5%
Nominal MPPT Efficiency	99.5%
Night Power Consumption	30mW

Mechanical Data

Operating Ambient Temperature Range	-40°C to +65°C
Storage Temperature Range	-40°C to +85°C
Dimensions (W x H x D)	281mm × 231mm × 41.3mm
Weight	4.5kg
AC BUS Maximum Current	20A
Enclosure Rating	IP67
Cooling	Natural Convection - No Fans

Features & Compliance

Communication	Wireless
Transformer Design	High Frequency Transformers, Galvanically Isolated
Monitoring	Via EMA* Online Portal
Warranty	10 Years Standard ; 20Years Optional

Certificate&Compliance

Safety And EMC Compliance	EN 62109-1;EN 62109-2;EN 61000-6-1;EN 61000-6-2; EN 61000-6-3;EN 61000-6-4
Grid Connection Compliance	VDE0126-1-1/A1 VFR2014,ERDF-NOI-RES_13E,UTE C15-712-1, EN50438

*APsystems online Energy Management Analysis (EMA) platform

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Specifications subject to change without notice

please ensure you are using the most recent update found at www.APsistemas.com

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