

Enecsys Enables
OPTIMAL
SOLAR
SOLUTIONS

intelligent reliable power



Enecsys Micro Inverters

SMI-D360W-72-UK



Maximized Energy Harvest

Improved Safety

Increased Lifetime & Reliability

Enhanced Monitoring Capability

Simplified PV Array Design & Installation

Enecsys develops, manufactures and markets world leading, highly reliable grid-connected solar micro inverters and monitoring systems that offer an outstanding value proposition for solar PV systems.

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Technical specifications

SMI-D360W-72-UK

Input Data (DC)

Nominal Input Power	360W
Recommended PV Power (STC)	380W
Maximum DC Voltage	54V
Minimum DC Voltage	27V
MPPT Voltage Range	29V - 42V
Maximum Input Current	13.3A

Output Data (AC)

Maximum Output Power	360W
Nominal Output Voltage / Range	230V / 207V - 264V
Nominal Output Frequency / Range	50Hz / 47.5 - 50.5
Power Factor	> 0.95
Total Harmonic Distortion	< 5%
Maximum Units Per Branch	8

Efficiency

Euro Efficiency	93.0% ¹
Peak Efficiency	95.0% ¹
Maximum Night Power Consumption	< 30mW

Mechanical Data

Ambient Temperature	-40°C to +85°C
Enclosure Rating	IP66
Dimensions (L x H x W)	262mm x 160mm x 35mm
Weight	1.8kg
Cooling	Natural Convection

Features & Compliance

Compliance	CE
Safety Class Compliance	prEN 62109-1
EMC (Emission & Immunity) Compliance	EN61000-6-3, EN61000-6-1
Grid Connection Compliance ²	G83/1-1
Communication	Wireless IEEE 802.15.4
Warranty	20 Years

¹ Efficiency maintained over full temperature range from -40°C to +85°C.

DS-D3-72-180511-EN

² In accordance with the Enecsys installation guidelines (please refer to the Enecsys Installation Manual).

All technical specifications contained within this document are subject to change without prior notice.