

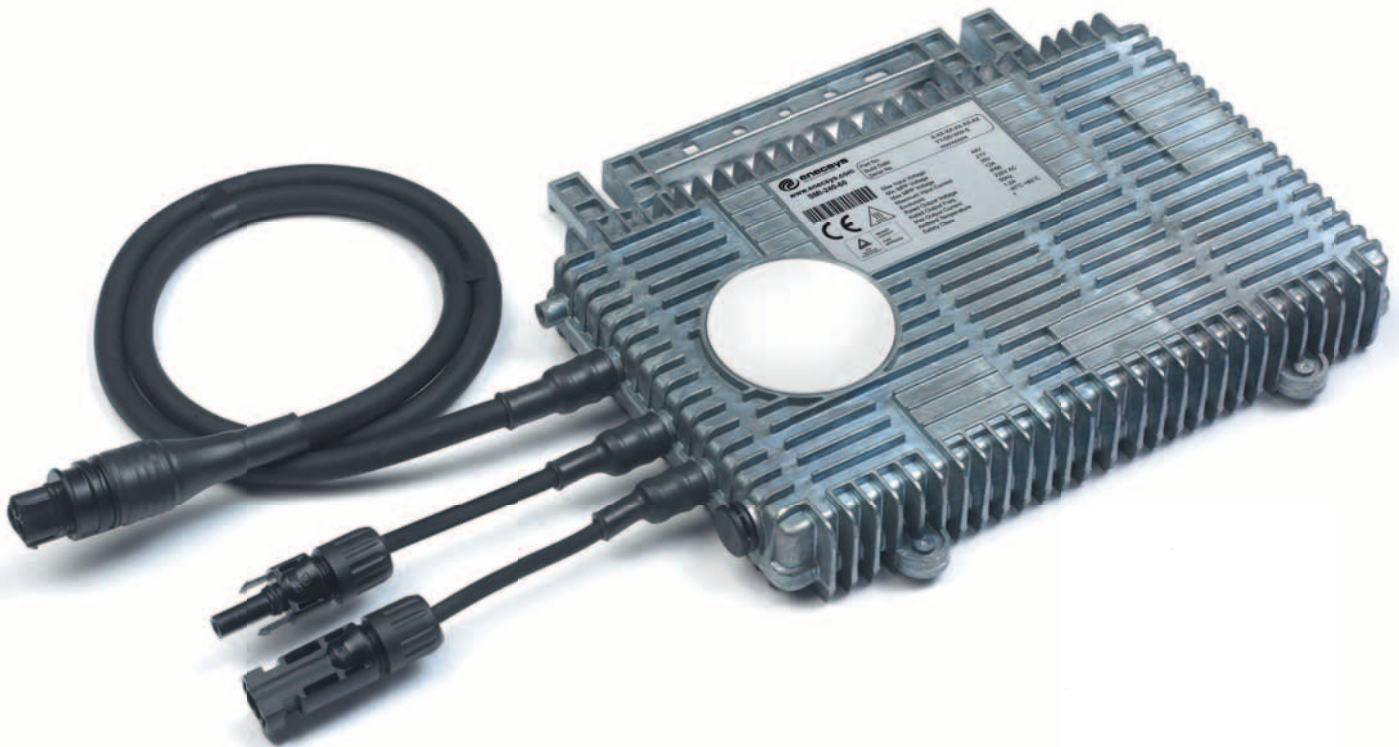
Enecsys Enables
OPTIMAL
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intelligent reliable power



Enecsys Micro Inverters

SMI-S200W-60-UK
SMI-S240W-60-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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Enecsys Micro Inverters

SMI-S200W-60-UK
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intelligent reliable power



Technical specifications	SMI-S200W-60-UK	SMI-S240W-60-UK
Input Data (DC)		
Nominal Input Power	200W	240W
Recommended PV Power (STC)	220W	260W
Maximum DC Voltage	43V	43V
Minimum DC Voltage	20V	20V
MPPT Voltage Range	21V - 35V	21V - 35V
Maximum Input Current	10.0A	12.0A
Output Data (AC)		
Maximum Output Power	200W	240W
Nominal Output Voltage / Range	230V / 207V - 264V	230V / 207V - 264V
Nominal Output Frequency / Range	50Hz / 47.5 - 50.5	50Hz / 47.5 - 50.5
Power Factor	> 0.95	> 0.95
Total Harmonic Distortion	< 5%	< 5%
Maximum Units Per Branch	15	13
Efficiency		
Euro Efficiency	92.0% ¹	92.0% ¹
Peak Efficiency	94.0% ¹	94.0% ¹
Maximum Night Power Consumption	< 30mW	< 30mW
Mechanical Data		
Operating Temperature Range	-40°C to +85°C	-40°C to +85°C
Enclosure Rating	IP66	IP66
Dimensions (L x H x W)	262mm x 160mm x 35mm	262mm x 160mm x 35mm
Weight	1.8kg	1.8kg
Cooling	Natural Convection	Natural Convection
Features & Compliance		
Compliance	CE	CE
Safety Class Compliance	prEN 62109-1	prEN 62109-1
EMC (Emission & Immunity) Compliance	EN61000-6-3, EN61000-6-1	EN61000-6-3, EN61000-6-1
Grid Connection Compliance ²	G83/ 1-1	G83/ 1-1
Communication	Wireless IEEE 802.15.4	Wireless IEEE 802.15.4
Warranty	20 Years	20 Years

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

DS-S2-60-180511-EN

²In 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.