

MIG280 On-Grid Micro Inverter



Specifications

	MIG280VD00	MIG280UL00
Input Data		
Recommended input power	Up to 280W	Up to 280W
Max. input voltage	60V	60V
Peak power tracking voltage	24...50 V	24...50 V
Max. DC short circuit current	12A	12A
Ouput Data		
Max. output power	250W	250W
Nominal outputvoltage / range	180~264V @ 230V	207~264V@240V
Nominal frequency / range	50/47.5~50.2 Hz	60/59.3-60.5 Hz
Power factor	>0.95	
THD	>3%	
Efficiency		
Max. Efficiency	95.5%	95.5%
Euro / CEC efficiency	95% (Euro)	95% (CEC)
Mechanical Data		
Operating temperature range	-40°C to +85°C	
Night time power consumption	<30mW	
Size (L*W*H)	180x180x38mm	
Potting	No	
Weight	<1.8kg	
Communication	Powerline	

• The specifications are subject to change without notice.

Features:

- Film Capacitors: Promising higher reliability with better lifetime warranty as compared to the products with less reliable electrolytic capacitors & photo-couplers.
- IP65 protection, Light Weight & Compact Design: No potting material and simplified ID.
- Higher efficiency of 95%: Maximizing total system efficiency for better energy harvest
- Isolated topology: Can have positive and negative grounding.
- Reactive power control through web-monitoring system
- Powerful web-based monitoring system through power-line communication.
- In-house production with flexible supply chain management and strong quality assurance.