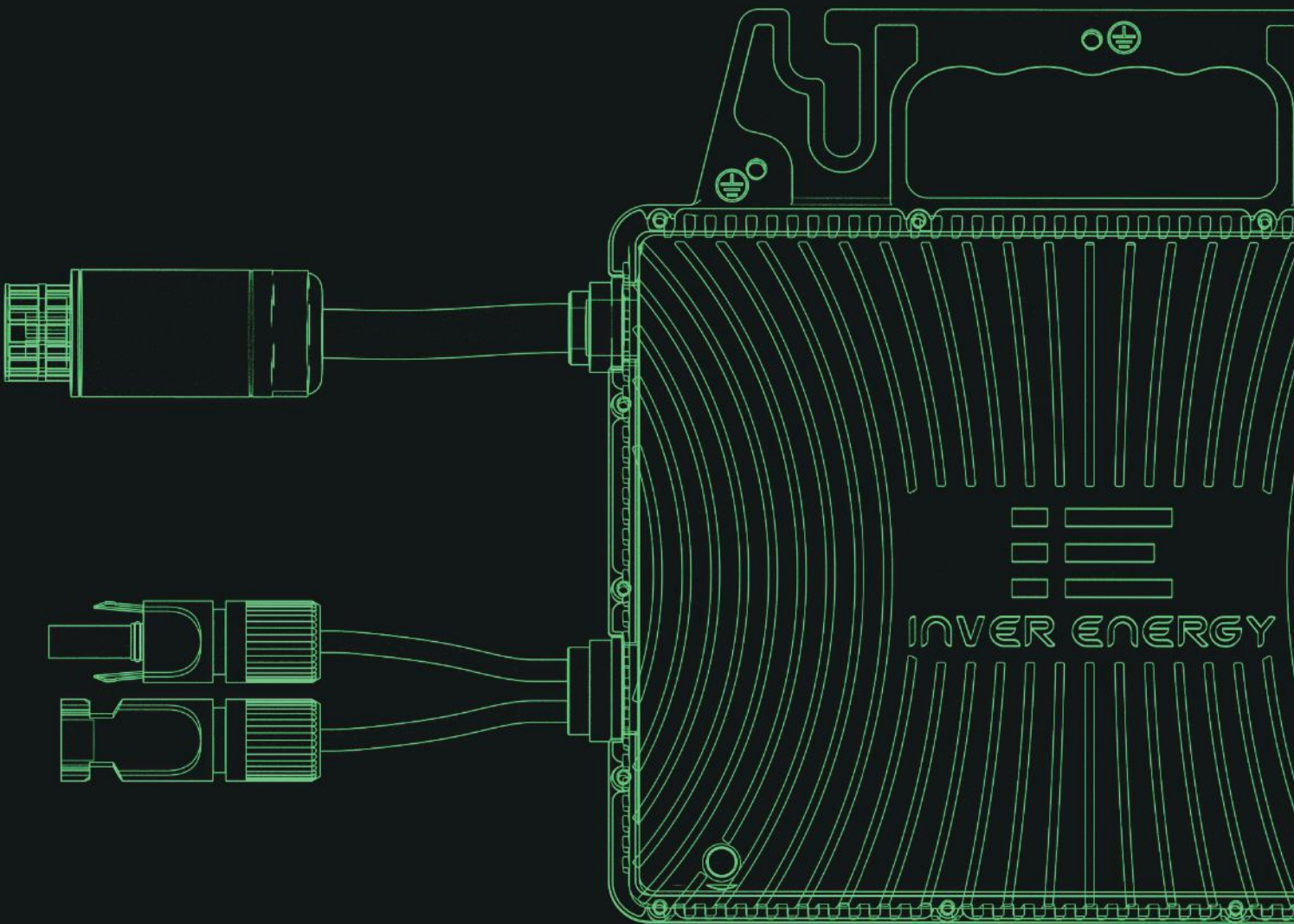


MICROINVERTER DATASHEET



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Feature

- ✓ High Conversion Efficiency
- ✓ Extreme Environmental Tolerance
- ✓ Authority Certification
- ✓ Rapid Shutdown Function
- ✓ Module Level Monitoring



Technical Specifications

Model	IS-060	IS-080
Input Data (DC)		
Max Input Voltage	60V d.c.	
Max. Continuous Input Current	2*16A d.c.	
Max. Input Short Circuit Current	2*20A d.c.	
Range of Input Operating Voltage	16-60V d.c.	
Start-up Voltage	22V d.c.	
Peak Power Tracking Voltage	25-48V d.c.	
Output Data (AC)		
Max. Continuous Output Power	600/660VA	800/880VA
Max. Continuous Output Current	2.87A.a.c.	3.82A.a.c.
Nominal Output Voltage	230V a.c.	
Nominal Output Frequency	50Hz	
Output Power Factor (Default / Adjustable)	0.99/0.90 leading...0.90 lagging	
Efficiency		
Peak Conversion Efficiency	96.5%	
Mechanical Data and Features		
Operating Ambient Temperature	-40~+65 C, >50 C Derating	
Waterproof grade	IP67	
Protective Class	I	
Monitoring system	Cloud	
Heat dissipation mode	Nature Cooling	
Compliance	VDE-AR-N 4105: 2018, IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-3, EN 301 489-1, EN 301 489-17, EN 300 328	

*: Nominal voltage/frequency range may vary based on local requirements.

