DARFON
A BenQ Group Company

MIG240 MICRO INVERTER

From its micro inverters to its web-based monitoring system, Darfon believes in creating a solar power solution that is efficient and dependable, as well as, user-friendly.

MIG240 SPECIFICATIONS

INPUT DATA (DC)		
Recommended Maximum Input Power (STC)	Up to 260W	
Nominal Input Power	240W	
Maximum Input DC Voltage	60V	
Maximum Peak Power Tracking Voltage	24 ~ 40V	
Minimum Start Voltage	24V	
Maximum DC Short Circuit Current	12A	
Maximum Input Current	10A	
OUTPUT DATA (AC)		
Maximum Continuous Output Power	220W	
Maximum peak Output Power	245W	
Nominal Output Current	0.917A	
Nominal Voltage / Range	240 / 211-264 V	230 / 184-264 V
Nominal Frequency / Range	60 / 59.3-60.5 Hz *	50 / 47.5-50.2Hz *
Power Factor	>0.95	
Maximum Units per 30A Branch Circuit	25 (Single Phase)	
EFFICIENCY		
Peak Inverter Efficiency	95.7%	
CEC Weighted Efficiency	95%	
Nominal MPP Tracking	99%	
Night Time Power Consumption	51mW	
MECHANICAL DATA		
Ambient Temperature Range	-40°C to 65°C	
Operating Temperature Range (Internal)	-40°C to 85°C	
Dimensions (WxHxD)	8.7 x 5.1 x 1.5 in (220 x 130 x 37mm)	
Weight	5.5 lbs (2.5 kg)	
Cooling	Natural Convention - No Fans	
Enclosure Environmental Rating	Outdoor - NEMA 6	
FEATURES		
Communication	Powerline	
Compliance	EN 61000-6-2, EN 61000-6-3, FCC Part15 Class B, UL 1741, IEEE 1547	

* Extended frequency range available to serve local markets.

IMPROVED SAFETY
- Eliminates the need for high voltage DC wiring

MAXIMIZED ENERGY PRODUCTION
- Debris or shading does not impact energy production for the entire PV array

FLEXIBLE PV ARRAY DESIGN
- Up to 25 units per 30A branch circuit
- Scalable for future expansion

RELIABLE
- Fully potted design for better heat dissipation
- 10-year warranty(15,20,25-year warranty optional)

ENHANCED MONITORING SYSTEM
- Provides real-time detailed information
- Secure household data monitoring

FOR MORE INFORMATION, VISIT/CONTACT US AT:
Website: www.darfonsolar.com Email: pvsales@darfon.com

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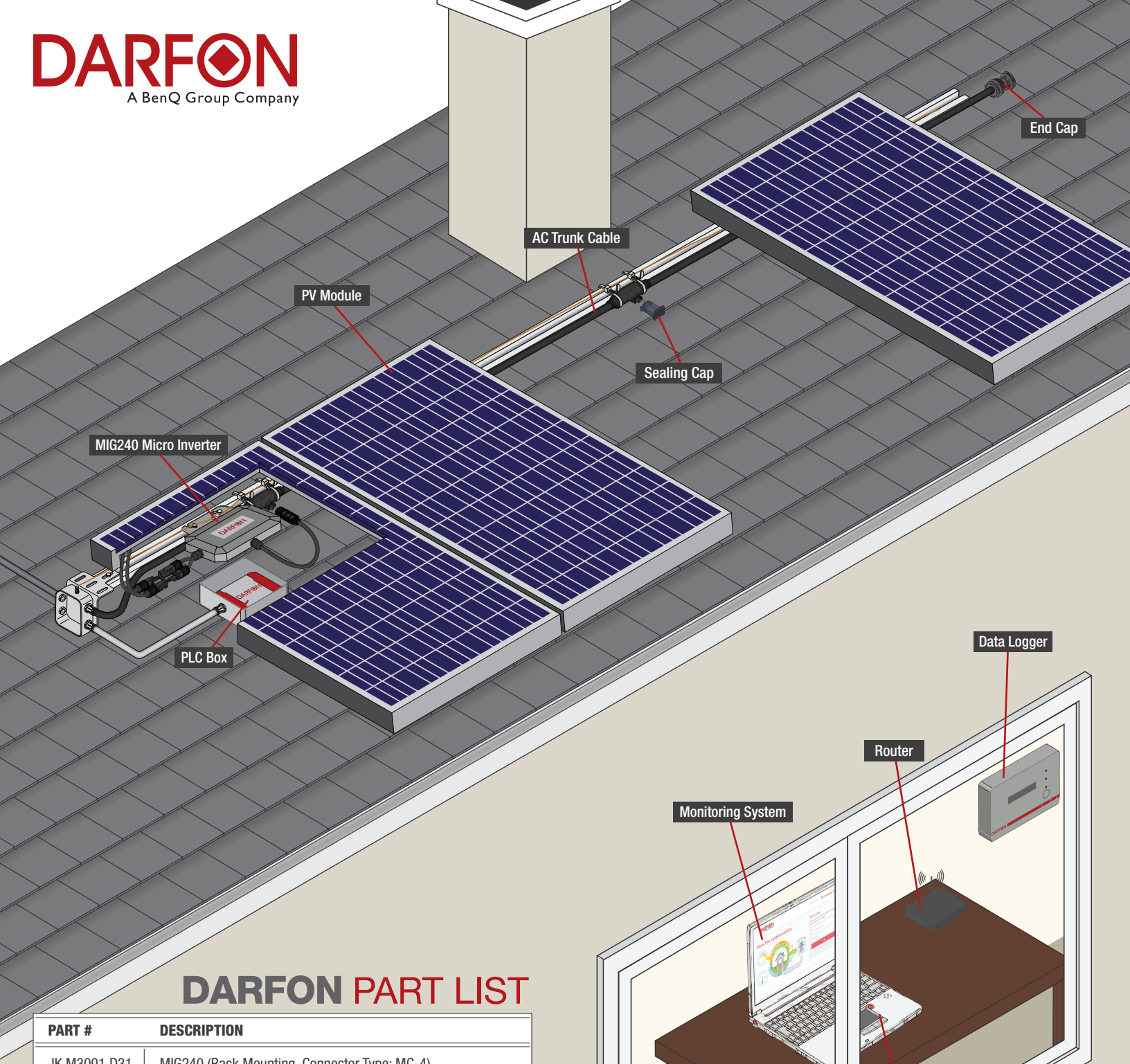

DARFON PART LIST

PART #	DESCRIPTION
JK.M3001.D31	MIG240 (Rack Mounting, Connector Type: MC-4)
JY.MIUL0.210	Data Logger
JY.MIUL0.110	PLC Box
5K.JMI01.227	10AWG AC Trunk Cable (Portrait 1.05m/41") x 25 Plugs
5K.JMI01.207	10AWG AC Trunk Cable (Portrait 1.05m/41") x 50 Plugs
5K.JMI01.225	10AWG AC Trunk Cable (Landscape 1.7m/67") x 25 Plugs
5K.JMI01.226	10AWG AC Trunk Cable (Landscape 1.7m/67") x 50 Plugs
4B.JMI09.L01	10AWG Cable Joiner (Male + Female)
4B.JMI08.401	10AWG End Cap
4B.JMI07.D01	Sealing Cap
4B.JMI05.702	AC Connector Removal Tool
4B.JMI05.701	DC Connector Removal Tool

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