



DURACELL POWER CENTER
D350-M1A



DURACELL POWER CENTER
D600-M2A

Features

- Budget-friendly microinverter optimized for dollar/watt savings.
- High continuous output power up to 350W AC is recommended for solar panels up to 550W.
- Exceptional efficiency with a 95.5 & 96.5% CEC rating.
- UL1741SB Certified
- Integrated grounding designed for easy installation.
- Built with NEMA 6 / IP67 rating for all-weather resilience.
- Web and mobile app for convenient remote monitoring.

Become a Duracell Power Center Partner Today

sales@duracellpowercenter.com

Technical Data

D350-M1A

D600-M2A

Input (DC)		
Recommended Max PV Power	525 W	450 W x 2
Max DC Open Circuit Voltage	60 Vdc	60 Vdc
Max DC Input Current	20 A	20 A x 2
MPPT Tracking Accuracy	> 99.5%	> 99.5%
MPPT Tracking Range	22 – 55 Vdc	22 – 55 Vdc
ISC PV (Absolute Maximum)	20 A	20 A x 2
Maximum Backfeed Current to Array	0 A	0 A
Output (AC)		
Peak AC Output Power:	350 W	600 W
Max Continuous Output Power(240V):	350 W	590 W
Nominal Power Grid Voltage:	240 Vac	240 Vac
Allowable Power Grid Voltage:	211-264 Vac (adjustable)	211-264 Vac (adjustable)
Rated Output Current:	1.45 A	2.46 A
Maximum Units Per Branch (10 AWG): (All NEC adjustment factors considered)	16 units	9 units
Allowable Power Grid Frequency:	59.3 - 60.5 Hz (adjustable)	59.3 - 60.5 Hz (adjustable)
THD:	< 5% (at rated power)	< 5% (at rated power)
Power Factor:	-0.9~0.9	-0.9~0.9
Current (inrush) (Peak and Duration):	24 A, 15 US	24 A, 15 US
Nominal Frequency ¹ :	60 H	60 H
Power Factor (fixed):	2.4 Arms for 3 cycles	2.4 Arms for 3 cycles
Max Output Overcurrent Protection:	10 A	10 A
System Efficiency		
Weighted Average Efficiency (CEC):	96.5%	95.5%
Nighttime Tare Loss:	0.2 W	0.2 W
Protection Function		
Over/Under Voltage & Frequency Protection:	Yes	Yes
Anti-Islanding Protection:	Yes	Yes
Over Current Protection:	Yes	Yes
Reverse DC Polarity Protection:	Yes	Yes
Overload Protection:	Yes	Yes
Protection Degree:	NEMA-6 / IP-66 / IP-67	NEMA-6 / IP-66 / IP-67
Ambient Temperature:	-40°F to +149°F (-40°C to +65°C)	-40°F to +149°F (-40°C to +65°C)
Operating Temperature:	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)
Display:	LED Light	LED Light
Communications:	Power Line COmmunication (PLC)	Power Line COmmunication (PLC)
Pollution Degree:	PD 3	PD 3
Over Voltage Category:	II(PV), III (AC MAINS)	II(PV), III (AC MAINS)
Warranty:	Up to 25 years	Up to 25 years

1. Nominal voltage/frequency range can vary depending on local requirements.

NEC 2020 Section 690.11 DC Arc-Fault Circuit Protection
 NEC 2020 Section 690.12 Rapid Shutdown of PV Systems on Buildings
 NEC 2020 Section 705.12 Point of Connection (AC Arc-Fault Protection)