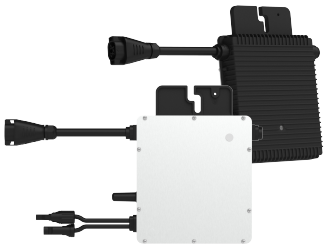
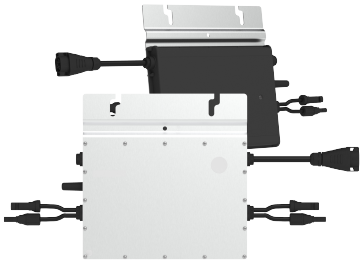
DURACELL®
POWER CENTER

Solar PV Microinverters
D350-M1 / D700-M2 / D1500-M4

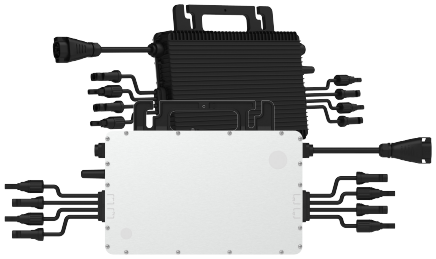
Single



Dual



Quad



Fast, Easy & Flexible Installation

Duracell Power Center's family of single, dual, and quad microinverters delivers the lowest cost, highest yield per panel PV installation.

The AC trunk cable format permits any combination of the three models to optimize even the most complex rooftop installations.

Reactive Power Control
CA Rule 21 compliant

Compliant with U.S.
NEC-2017 & NEC-2020
690.12 rapid shutdown

High reliability: NEMA 6 (IP67) enclosure, 6000V surge protection

Become a Duracell Partner Today

sales@duracellpowercenter.com

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Solar PV Microinverters
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Technical Data

Model	D350-M1		D700-M2		D1500-M4	
Input Data (DC)						
Number of PV inputs	1		2		4	
Module power range, typical (W)	280 to 470+		280 to 470+		300 to 505+	
Maximum input voltage (V)	60					
MPPT voltage range (V)	16-60					
Start-up voltage (V)	22					
Maximum input current (A)	11.5					
Maximum input short circuit current (A)	15					
Output Data (AC)						
Peak output power (VA)	350		700		1500	1350
Maximum continuous output power (VA)	349		696		1438	1246
Maximum continuous output current (A)	1.45	1.68	2.9	3.35	5.99	5.99
Nominal output voltage(V)	240	208	240	208	240	208
Nominal output voltage range1 (V)	211-264	183-228	211-264	183-228	211-264	183-228
Nominal frequency/range1 (Hz)	60/55-65					
Power factor (adjustable)	>0.99 default (0.8 lead to 0.8 lag)					
Total harmonic distortion	<3%					
Maximum units per branch2 (10 AWG)	16	14	8	7	4	4
Efficiency						
CEC peak efficiency (%)	96.7					
CEC weighted efficiency (%)	96.5					
Nominal MPPT efficiency (%)	99.8					
Nighttime power consumption (mW)	<50					
Mechanical Data						
Ambient temperature range (°C)	-40 to +65					
Dimensions (W × H × D) mm	182 x 164 x 29.5		250 x 170 x 28		280 x 176 x 33	
Weight (kg)	1.75		2.6		3.35	
Enclosure rating	Outdoor NEMA 6					
Cooling	Natural convection - no fans					
Features						
Communication	2.4 GHz proprietary RF (Nordic)					
Monitoring	Yes					
Warranty	Up to 25 years					
Compliance	UL 1741, IEEE 1547, UL 1741 SA, UL 1741 SB (240 Vac), CA Rule 21 (240 Vac), CSA C22.2 No. 107.1-16, FCC Part 15B, FCC Part 15C					
PV Rapid Shutdown	Conforms with NEC-2017 and NEC-2020 Article 690.12 and CEC-2021 Sec 64-218 Rapid Shutdown of PV Systems					

*1. Nominal voltage/frequency range can vary depending on local requirements.
*2. Refer to local requirements for exact number of microinverters per branch.

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