

MAX HYBRID 15



15-30 Example Shown

Experience uninterrupted power with Duracell Power Center's Max Hybrid 15 inverter. Designed for residential and commercial use, this advanced inverter provides seamless electricity flow during outages.

With a 15,000-watt capacity, it powers multiple appliances simultaneously. The hybrid functionality intelligently switches between grid power and battery power for maximum efficiency and reduced costs. Safety features protect your devices from overload and short-circuits. Its sleek design and easy installation make it an ideal choice.

Trust Duracell for reliable performance and peace of mind in powering your world.

Battery	15-15	15-20	15-25	15-30	15-40
Capacity	15 kWh	20 kWh	25 kWh	30 kWh	40kWh
# Of Stackable Modules	3	4	5	6	8
Grid to Battery Charge Efficiency	96%				

AC Output Power 15kW On-Grid & Off-Grid	
Connections	120/240/208V Split Phase
Continuous AC Power with PV	15,000W 62.5A-L (240V)
Continuous AC Power from Batteries	12,000W 50A-L (240V)
Total Harmonic Distortion (THD)	0.03
Surge AC Power 10sec	24,000VA L-L (240V)
Surge AC Power 100ms	30,000VA L-L (240V)
Fault Current 5sec	94A w/PV 75A w/o
Fault Current 100ms	PV 120A
Parallel Stacking	Yes - Up to 12
Frequency	60/50Hz
Continuous AC Power with Grid or Generator	48,000W 200A L-L (240V) 24,000W 200A L-N (120V)
CEC Efficiency	96.5% (Peak 97.5%)
Idle Consumption Typical-No Load	90W
Sell Back Power Modes	Limited to Household/ Fully Grid-Tied
Design (DC to AC)	Transformerless DC
Response Time (Grid-Tied to O -Grid)	Sms
Power Factor	+/-0.9-1.0

Protections and Certifications

Electronics Certified Safety by SGS Labs to NEC & UL Specs - NEC 690.48 & NEC 705.4/6	Yes
Grid Sell Back-UL1741-2010/2018, IEEE1547a	Yes
-2003/2014, FCC 15 Class B, UL1741SB, CA Rule 21, HECO Rule 14H	Integrated
PV DC Disconnect Switch --NEC 240.15	Integrated
Ground Fault Detection - NEC 690.5	Integrated
PV Arc Fault Detection - NEC 690.11	Integrated
PV Input Lightning Protection	Integrated
24,000W 200A L-N (120V) 96.5% (Peak 97.5%) 90W	Integrated
PV String Input Reverse Polarity Protection	Integrated
AC Output Breakers - 200A	Integrated
200A x 2 Battery Breaker / Disconnect	DC Type II/AC
Limited to Household/Fully Grid-Tied Surge Protection	Type II

Solar

Max Allowed PV Power	19,500W
Max PV Power Delivered to Battery & AC Outputs	15,000W
Max DC Voltage (Voc)	500V @ 26A
MPPT Voltage Range	125-425V
Starting Voltage	125V
Number of MPPT	3
Max Solar Strings Per MPPT	2
Max DC Current per MPPT (Self Limiting)	26A
Max AC Coupled Input (Micro/String Inverters)	19,200W