

# Duracell Power Center Max Hybrid 15

**DURACELL** HOME ECOSYSTEM



15-30 Example Shown

The **Max Hybrid 15** allows you to configure up to 20 stackable batteries per inverter, providing customizable power solutions that meet your specific energy needs.

<b>BATTERY</b>	15-15	15-20	15-25	15-30	15-40
Capacity	15kWh	20kWh	25kWh	30kWh	40kWh
# of stackable modules	3	4	5	6	8
Grid to battery charge efficiency	96%				

<b>AC</b>	<b>Output Power 15kW On-Grid &amp; Off-Grid</b>
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)	≤ 3%
Surge AC Power 10sec	24,000VA L-L (240V)
Surge AC Power 100ms	30,000VA L-L (240V)
Fault Current 100ms	94A w/PV   75A w/o 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 Off-Grid)	4ms
Power Factor	+/- 0.9 - 1.0

## PROTECTIONS & CERTIFICATIONS

Electronics Certified Safety by SGS Labs to NEC & UL Specs - NEC 690.4B & NEC 705.4/6	Yes
Grid Sell Back — UL1741-2010/2018, IEEE1547a-2003/2014, FCC 15 Class B, UL 1741 SA, UL 1741 SB (240 Vac), CA Rule 21, HECO Rule 14H	Yes
PV DC Disconnect Switch — NEC 240.15	Integrated
Ground Fault Detection — NEC 690.5	Integrated
PV Rapid Shutdown Control — NEC 690.12	Integrated
PV Arc Fault Detection — NEC 690.11	Integrated
PV Input Lightning Protection	Integrated
PV String Input Reverse Polarity Protection	Integrated
AC Output Breakers - 200A	Integrated
200A x 2 Battery Breaker / Disconnect	Integrated
Surge Protection	DC Type II / AC Type II

<b>SOLAR</b>	<b>Input Power 19,500W</b>
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