

PWRcell 2 Battery Cabinet

MODEL NUMBERS

Battery Enclosure Only: APKE00076

3.0kWh PWRcell 2 DCB Battery Module: G0080040

The PWRcell 2 Battery Cabinet is a smart battery enclosure that allows for a range of storage configurations to suit any need. The PWRcell 2 Battery Cabinet has a modular design, allowing homeowners to scale from 9 kWh to 18 kWh capacity by installing additional DCB battery modules.

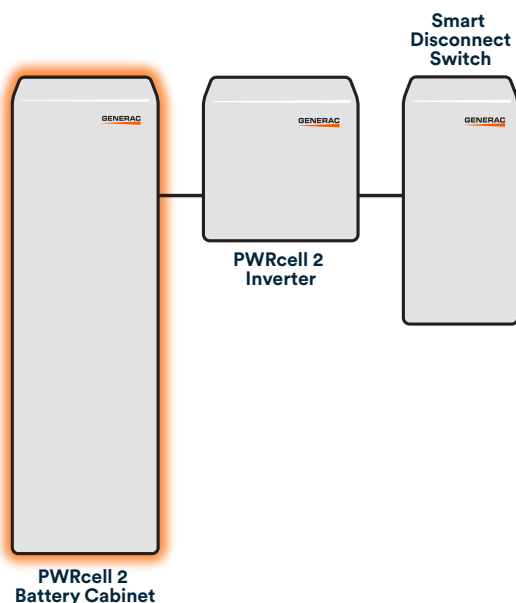
Features & Benefits

- For easy installation, heaviest component is only 85 lbs
- Modular design that incorporates anywhere between 3 and 6 battery modules
- Stack two battery cabinets on one inverter for up to 36 kWh of storage capacity

CONFIGURATION

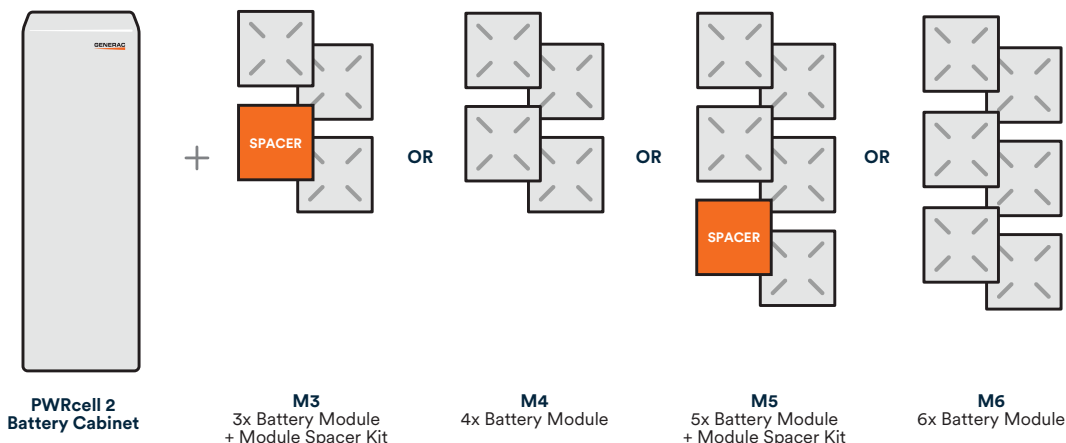
Single Cabinet

The Battery Cabinet is an integral component of the PWRcell 2 Home Energy Storage System.



CONFIGURATION

Battery Guide



Specifications

PWRcell 2™ BATTERY CONFIGURATIONS	M3	M4	M5	M6
PERFORMANCE				
Stored Energy	9.5 kWh	12.6 kWh	15.8 kWh	19.0 kWh
Useable Battery Energy	9 kWh	12 kWh	15 kWh	18 kWh
Useable Output Power	5.1 kW	6.9 kW	8.6 kW	10.5 kW
ELECTRICAL				
Voltage Range (Input/Output)	360 - 420 VDC			
Maximum Continuous Current	14.2 A	19.2 A	23.9 A	28.3 A
ENVIRONMENTAL				
Operating Temperature Range (Charging)	23 to 122 °F (-5 to 50 °C)			
Operating Temperature Range (Discharging)	-4 to 122 °F (-20 to 50 °C)			
Full Performance Temperature Range (Charging)	50 to 92 °F (10 to 33 °C)			
Full Performance Temperature Range (Discharging)	32 to 122 °F (0 to 50 °C)			
Operating Humidity - % RH	0 to 100, non-condensing			
Maximum Elevation - ft (m)	6560 (2000)			
Enclosure Rating	Type 3R			
MECHANICAL				
Dimensions (DxWxH) - in (cm)	10.75 x 23 x 70.19 (27.1 x 58.2 x 178.3)			
Total Weight of Cabinet - lb (kg)	113 (51.3)			
Total Weight of Installed Unit - lb (kg)	278 (126.1)	333 (151)	388 (176)	443 (200.9)
Maximum Lift Weight of Cabinet - lb (kg)	62.6 (28.4)			
Mounting	Wall or floor			
COMPLIANCE				
Safety	UL 9540, UL 1973, UL 9540A, UL 1998			
Environmental	IEEE 693 [High], FCC Part 15 Class B			
Evaluated Functions/Protection	Battery overcharge, battery over discharge, battery short-circuit, system overcurrent, battery temperature, cabinet switch (disconnect)			

