

GENERAC®

PWRCELL

PWRcell Battery Cabinet (Ordering SKU: APKE00007)
3.0kWh PWRcell EX Battery Module
Model # / Ordering SKU: G0080000
2.85kWh PWRcell DCB Battery Module
Model #: BJ-DCB05ZKAX (Ordering SKU: A0000391219)

The PWRcell™ Battery Cabinet is a modular smart battery platform that allows for a range of configurations to suit any need, small or large. No other smart battery offers the power and flexibility of PWRcell. Whether for backup power or smart energy management, PWRcell has power and capacity options for every need, without sacrificing flexibility or function.



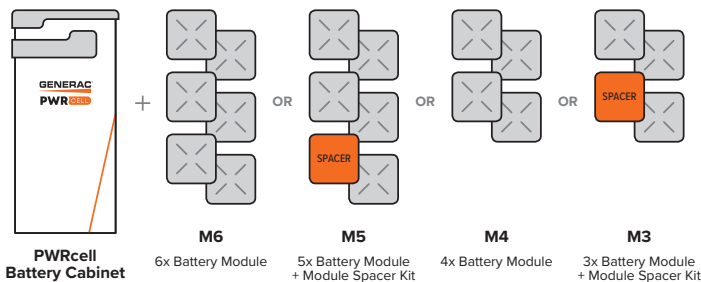
PWRcell BATTERY CABINET DESIGN

The PWRcell Battery Cabinet allows system owners the flexibility to scale from an economical 8.6kWh to a massive 18kWh by installing additional battery modules to the PWRcell Battery Cabinet. When needs change, an existing PWRcell Battery Cabinet can be upgraded with additional modules. Use the graphic below and the chart on the back of this sheet to understand what components you need for your chosen PWRcell configuration.

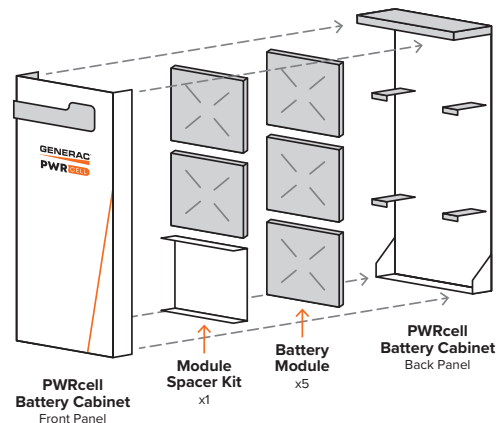
FEATURES & BENEFITS

- Connect 2 PWRcell Battery Cabinets to a single PWRcell Inverter for up to 36kWh of storage
- Best-in-class battery backup power
- Plug-and-play with PWRcell Inverter and PV Link™
- Time-of-use (TOU) and zero-export ready
- Residential and commercial application ready.
- Outdoor-rated battery cabinet available as an upgrade

BATTERY CONFIGURATION GUIDE



BATTERY CABINET ASSEMBLY



Specifications

PWRcell™ BATTERY CONFIGURATIONS

BATTERY MODULE SERIES:	EX				DCB			
BATTERY MODULES:	3	4	5	6	3	4	5	6
USABLE ENERGY:	9 kWh	12 kWh	15 kWh	18 kWh	8.6 kWh	11.4 kWh	14.3 kWh	17.1 kWh
AVG. AC POWER OVER COMPLETE DISCHARGE CYCLE:	3.4 kW	4.5 kW	5.6 kW	6.7 kW	3.4 kW	4.5 kW	5.6 kW	6.7 kW
MAX. CONT. AC POWER @ 40°C (104°F):	4.5 kW	6 kW	7.5 kW	9 kW	4.5 kW	6 kW	7.5 kW	9 kW
PEAK MOTOR STARTING CURRENT (2 SEC) - A, RMS	25	33	42	50	25	33	42	50
REbus™ VOLTAGE - INPUT/OUTPUT:	360-420 VDC							
NOMINAL VOLTAGE:	43.2 VDC				46.8 VDC			
DC-DC ROUND-TRIP EFFICIENCY:	96.5%							
MAX. AMBIENT OPERATING TEMPERATURE RANGE:	14 to 122 °F (-10 to 50 °C)				41 to 113 °F (5 to 45 °C)			
RECOMMENDED AMBIENT OPERATING TEMPERATURE (FULL POWER)*:	32 to 104 °F (0 to 40 °C)				55 to 86 °F (13 to 30 °C)			
MAXIMUM INSTALLATION ALTITUDE - FT (M):	9834 (3000)							
DIMENSIONS, L x W x H - IN (MM):	22" x 10" x 68" (559 x 254 x 1727)							
WEIGHT, ENCLOSURE - LB (KG):	111 (50)							
WEIGHT, INSTALLED - LB (KG):	282 (128)	340 (154)	397 (180)	454 (206)	276 (125)	331 (150)	386 (175)	441 (200)
WARRANTY - LI-ION MODULES:	10 Years, (7.56MWh)							
WARRANTY - ELECTRONICS AND ENCLOSURE:	10 Years							
COMMUNICATION PROTOCOL:	REbus™ DC Nanogrid™							
COMPLIANCE:	UL 9540, UL 1973, UL 1642, CSA 22.2 #107.1							

*Performance may be limited outside of recommended operating temperature range

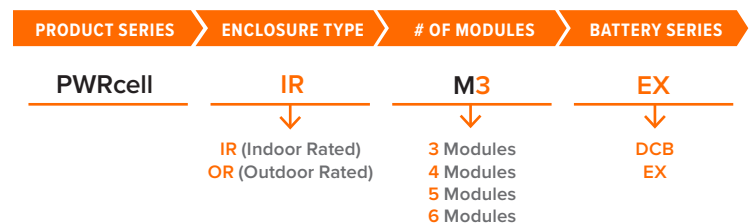
PWRcell ACCESSORIES

The PWRcell Battery Cabinet (APKE00007) is rated for indoor use only. If installing outdoors, the PWRcell Outdoor Rated Battery Cabinet (APKE00028) must be used. Inside of the PWRcell Battery Cabinet, battery modules are stacked two deep on three levels, allowing for up to six modules to be connected in series. You can upgrade an existing PWRcell Battery Cabinet by adding Battery Modules and a Module Spacer (APKE00008). A Module Spacer is only required for battery configurations with an odd number of modules (i.e. 3 or 5).

Generac offers a convenient PWRcell Battery Upgrade Kit (APKE00009) to help replace lost or misplaced hardware.

Note: When adding modules, be sure all modules within an individual cabinet are of the same series type (i.e. EX or DCB).

PWRcell MODEL BUILDER



Sample Model Name: PWRcell IR M3 EX

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