

»POWRBANK MAX

EMISSION-FREE, SILENT POWER

The POWR2 POWRBANK is a rental ready energy storage system that integrates with diesel generators to optimize efficiency of power generation and consumption while reducing noise, emissions and fuel waste by minimizing engine run-time and maximizing use of stored energy. With the onboard energy control module the POWRBANK constantly monitors load levels and automatically switches between generator power and stored energy as necessary, only using the generator when necessary for higher loads.

Key benefits:

- Protects generator from low load running hours
- Minimizes generator emissions
- Conserves fuel
- Extended periods of silent power
- Extended generator service intervals

Find out more at powr2.com



MODEL	VOLTS	kW	kWh	PHASE
M250.250/400	400	250	250	3

POWER

Output (stand alone)	Standing Rating 1 min (kW)	375
	Standing Rating 10 min (kW)	312.5
	Standing Rating 60 min (kW)	275
	Output Rating Prime	225
	Maximum Load Per Phase for 7 Minutes	200% for 7 minutes
Combined System Output	Continuous Pass Through Per Phase (A)	360
	Maximum Combined Output Per Phase (A)	360
	Run-Time @ Max Combined Output (H)	Unlimited
Input/Output	AC Input Voltage Range	380 – 415
	AC Output Voltage - 60 Hz	400
	Input Connections	400V BusBar and 400A Camlock
	Output Connections	400V BusBar and 400A Camlock
	Protection	Overload, Overheat, Short Circuit, Earth Fault

STORAGE

Type	LFP
Nominal Capacity @ 25°C	272 kWh
Charge Time @ 25°C ¹	3 Hr
System Efficiency	95%
Battery Management System	Industrial Grade Intelligent Passive BMS Optimised for HES
Expected Cycle Life (To 80% Depth of Discharge)	>5000 Cycles
Maintenance Charge Cycle	3 Months

CONTROL

Control Panel	ECM 7" Touch Screen Control Module
Temperature Control	HVAC System w/ Thermostat
Remote Generator Start	Dry Contact Relay
Remote Communication	3G/4G Dual SIM Modem/Router, POWR2 Portal

ENVIRONMENTAL

Water/Ingress Protection Rating	Nema 3R/ IP55
Operating Temperature Range (°C)	10 – 40°C
Sound Level (dBA)	

MECHANICAL

Dimensions L x W x H	2991 x 2438 x 2591 mm
Weight (lbs)	17,338 lbs
Lift Points	Forklift Pockets, Lifting Rings

¹Charge time dependent on available power of external source and operating temperature

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