POWERSHIFT POWRBANK « MAX

MANUFACTURED BY POWR2. EXCLUSIVELY DISTRIBUTED BY POWERSHIFT TECHNOLOGIES

MAX POWER, CAPACITY & RELIABILITY

The POWRBANK MAX is a large-scale mobile battery energy storage system, engineered for high-powered commercial and industrial applications. Designed for flexibility and fast deployment, the MAX can support short or long-term temporary power requirements, delivering instant power with the capacity to support long durations between recharging.

The MAX can power a variety of large plant, equipment and buildings and offers exceptional versatility through multiple charging options including a small grid connection, solar, generator or a combination, with the ability to charge and discharge simultaneously. Remote monitoring capability ensures you're also always connected and always in control.

- Reduce emissions by up to 75%
- Quiet, continuous power
- Capable of complex configurations
- Ruggedised, marine-grade container
- Dual HVAC and rockwool insulation
- Aerosol-based fire safety system



MODEL	VOLTS	kVA	kWh	PHASE
M300.600/400	400	330	597	3

POWER

	Mode of Operations	Grid Forming and Following	
Output (stand alone)	Grid Code Standard	AS/NZS 4777.2:2020, EN 50549-1:2019, G99, VDE-AR-N 4105:2018	
	Region of Application	Australia	
Combined System Output	Continuous Output (A / kVA)	400A / 277kVA	
	Peak Output (A / kVA)	480A / 330kVA	
	Run-Time @ Max Combined Output (H)	Unlimited	
Input/Output	AC Input Voltage Range	310V - 450V	
	AC Output Voltage - 50 Hz	400V	
	Input Connections	500A Powerlock, 125A CEE Inlet, 32A CEE Inlet, 16A CEE Inlet	
	Output Connections	500A Powerlock, 125A CEE Outlet, 32A CEE Outlet, 16A CEE Outlet	
	Protection	Overload, Overheat, Short Circuit, Earth Fault, Back Feed Protection	
STORAGE	Туре	LFP	
	Nominal Capacity @ 25°C	597 kWh (@0.75C Max)	
	Charge Time @ 25°C1	3 Hr at No Load	
	System Efficiency	95%	
	Battery Management System	Industrial Grade Intelligent Passive BMS Optimized for HES	
	Expected Cycle Life (To 80% Depth of Discharge)	>7000 Cycles	
	Maintenance Charge Cycle	3 Months	
	Control Panel	ECM 10" Touch Screen Control Module	
CONTROL	Temperature Control	HVAC System for Cooling and Heating	
	Remote Generator Start	Dry Contact Relay	
	Remote Communication	3G/4G Dual SIM Modem/Router, POWR2 Portal	
	Remote communication	50/40 Duai Sim Modern/Router, POWRZ Portar	
ENVIRONMENTAL	Water/Ingress Protection Rating	Nema 3R/ IP55	
	Operating Temperature Range (°C)	-35°C to 55°C (Derating Above 50°C)	
	Sound Level (dBA)	<68dB @ 1m	
MECHANICAL	Dimensions L x W x H metres (feet)	2.89m x 2.44m x 2.59m (8ft x 10ft x 8.5ft)	
	Weight	9,200kg	
	Lift Points	Forklift Pockets, Lifting Rings	

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



© POWERSHIFT TECHNOLOGIES PTY LTD 2025 | VERSION 2.0 UPDATED MAY 2025 - SUBJECT TO CHANGE WITHOUT NOTICE.

This document was updated in May 2025 and reflects specifications provided by product manufacturer, AMPD Energy Ltd. While the manufacturer aims to ensure all documentation is accurate, no responsibility will be accepted for errors or omissions. Information on product data sheets may change, as well as legislation, therefore you are strongly advised to keep up to date with recently issues regulation, standards and guidelines. This document is not intended to be contractual. For further information contact info@powershift.tech