

Drypower

Rechargeable Lithium LiFePO4

ENERGY STORAGE



51.2V
100Ah



12.8V
400Ah



25.6V
200Ah

5.12kWh Rack Mount LFP Modules

Drypower rack-mount battery modules deliver exceptional performance and extended service life across a wide range of applications and industries.

Each unit is equipped with an intelligent Battery Management System (BMS), a circuit breaker with shunt trip/release, and integrated fire arrestors, providing enhanced protection and greater peace of mind for your energy storage system.



Performance
Up to 6,000 cycles for exceptional service life.



Scalability
Parallel modules to suit system requirements.



Easy-to-use
LCD screen shows instant system parameters.



Intelligent BMS
Safety protocols for efficient and safe operation.



Fire protections
In-built fire arrestors.



Versatile
Suitable for multiple applications.

EXPERIENCE IN LITHIUM BATTERY SOLUTIONS
www.drypower.com.au

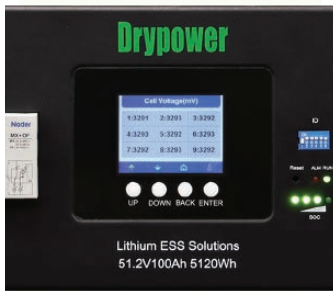
Rack Mount LFP Batteries

Drypower's rack mount battery range, with Lithium Iron Phosphate LFP technology inside offers a scalable system design, suitable for a wide variety of customer installation requirements, from small off-grid setups to commercial arrays.

Compatible with many of the world's leading inverter brands, the Drypower range offers user friendly commissioning, instant monitoring & control via the easy-to-navigate front mounted LCD screen, and multiple levels of safety providing greater confidence for both installers and end users.



LCD screen monitoring



Parallelabale into larger systems



Cabinets or racks



Confidence for installers



Specifications

Parameter	DP-12400-R	DP-24200-R	DP-51100-R
Voltage	12.8V	25.6V	51.2V
Construction	4RU 4S4P	4RU 8S2P	4RU 16S1P
Capacity	400A	200A	100A
Energy	5.12 kWh	5.12 kWh	5.12 kWh
Chemistry	LiFePO4 (Lithium Iron Phosphate)		
Cycle Life	>6,000 cycles (0.5C @ 25°C, 80% DoD)		
Max Charge Current	200A (0.5C)	100A (0.5C)	100A (1.0C)
Max Charge Voltage	14V	27.6V - 28.4V	56.0V - 57.0V
Max Discharge Current	200A	100A	100A
Cut-Off Voltage	10V	22.4V	44.8V
Charge Temperature Range	0°C - +45°C	0°C - +45°C	0°C - +50°C
Discharge Temperature Range	-20°C - +50°C	-20°C - +50°C	-20°C - +55°C
Storage Temperature Range	-20°C - +50°C	-20°C - +50°C	-20°C - +55°C
Protections	Over/under voltage, over/under temperature, short circuit, 2 x fire arrestors		
Ingress Rating	IP20		
Dimensions (W x D x H)	483 x 500 x 154mm	483 x 500 x 154mm	483 x 470 x 154mm
Certifications	IEC62619, UN38.3		CEC, IEC62619, UN38.3

*Drypower warranty period: 12.8V and 25.6V models: 5 years.
51.2V model: 10 years for stationary installations, 5 years for mobile installations.

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Applications:



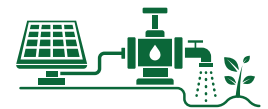
Telco backup power



Medical UPS backup



Off-grid infrastructure



Agriculture infrastructure



Mobile power trailers



Mobile food vans / trucks