



ENERGY. INDEPENDENCE.

The Power Behind Performance

FreedomBloc *by Crown Battery*



Safe, Easy & Affordable Energy Storage.

Achieving energy independence means having stored energy readily available – to harvest energy from your system, and keep you running after the sun has set. And true energy independence means a dependable, sustainable and ready-to-deploy energy storage bank for your renewable energy system... with proven benefits that leading RE designers and installers turn to: **FreedomBloc by Crown Battery**. Providing a long service life and unmatched cost justification in renewable energy applications:

- ▶ Off-Grid Storage
- ▶ Grid-Connected UPS
- ▶ Demand Shaving
- ▶ Microgrid Storage

The proven technology behind **FreedomBloc** is what delivers the power demands of people throughout the world. With rugged storage capacities ranging from 10 to 20 kWh – and featuring both low-maintenance and maintenance-free system capabilities – the **FreedomBloc** enables affordable energy storage that makes life easier – and that helps raise the standard of living, health and safety for many communities.

FreedomBloc Benefits:

- ▶ Secure, safe & easy-to-install onsite energy storage solution.
- ▶ Proven record of best-available application performance – and R.O.I.
- ▶ Covered high-density polyethylene tank that ensures total reliability when installed in extreme temperature operating environments or systems exposed to high PV, wind or precipitation.
- ▶ Easily integrate Cabling, BMS and Single-Point Watering systems via the Bloc's multiple access points.
- ▶ The Bloc is reusable at the end of battery life. And batteries are fully recyclable.

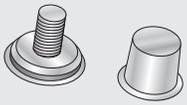


Renewable Power Battery Specifications

	Model Description	Battery Construction	Voltage	20 HR Rate	20 HR kWh Storage ¹	Terminal Style	Lbs	Kgs
24-VOLT RENEWABLE POWER STORAGE SYSTEMS								
LOW MAINTENANCE	FB-LM24V470	FLA	24	470	10.9	Standard	544	246.8
	FB-LM24V520	FLA	24	520	12.1	Standard	640	290.3
	FB-LM24V780	FLA	24	780	18.2	Standard	960	435.4
	FB-LM24V860	FLA	24	860	20.0	Standard	1016	460.8
MAINTENANCE FREE	FB-MF24V440	AGM	24	440	10.2	Standard	568	257.6
	FB-MF24V780	AGM	24	780	18.2	Standard	1056	479.0
48-VOLT RENEWABLE POWER BATTERIES								
LOW MAINTENANCE	FB-LM48V235	FLA	48	235	10.9	Standard	544	246.8
	FB-LM48V260	FLA	48	260	12.1	Standard	640	290.3
	FB-LM48V390	FLA	48	390	18.2	Standard	960	435.4
	FB-LM48V430	FLA	48	430	20.0	Standard	1016	460.8
MAINTENANCE FREE	FB-MF48V220	AGM	48	220	10.2	Standard	568	257.6
	FB-MF48V390	AGM	48	400	18.6	Standard	1056	479.0

¹Storage kWh specifications are calculated using a Depth-of-Discharge (DoD) of 50% or 1.94 VPC.

Standard



Because Crown Battery is continually improving its products, specifications are subject to change without notice. The most current product information is listed on the seller's website at www.crownbattery.com. The information included on the website may amend and supersede the information in this brochure. Purchasers are encouraged to visit the website to view the most current information.



FreedomBloc includes single point watering as a standard feature. Single point watering allows owners to deliver watering service to batteries – safely, quickly and effectively.

MAX OUTSIDE DIMENSIONS:

Length: 33" / 838mm

Width: 29" / 737mm

Height: 20.25" / 514mm



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