



Stand Alone Power System

Overview

Introducing the Green Cubes Medical Cart Power System, an innovative solution designed to deliver reliable, mobile power for healthcare environments. This compact, all-in-one unit integrates a high-performance Lithium Iron Phosphate (LiFePO₄) battery, an efficient inverter, and a charger into a single, seamless system.

Engineered for durability and safety, our power system provides a stable 12V, 398Wh power source to keep critical medical devices operational through long shifts. Its unique pole-mount design allows for effortless attachment to any standard medical cart, saving valuable space and enhancing workflow efficiency. By eliminating the need for separate components and reducing cable clutter, it ensures a safer and more organized workspace for medical professionals.

Discover how this powerful and efficient system can support your team by providing dependable power where it is needed most.



Specifications

Battery	
Capacity	30.4Ah / 389Wh
Voltage	12.8v Nominal
Configuration	4S8P
Chemistry	LiFePO4
Power System	
AC Output Voltage	AC: 120V / 60Hz, 230V / 50Hz
Power	120 Watts
Power Supply	Integrated
Inverter	Integrated
SOC Display	Optional
Protection	Primary / Secondary
Dimensions	300mm x 230mm x 80mm
Certifications	UN38.3, IEC 60601, IEC 62133, IEC 62368

Green Cubes Technology is your go-to partner for custom electrification solutions, specializing in designing and manufacturing safe, reliable, and innovative Lithium-ion power solutions for medical and industrial equipment. With over 35 years of experience, we leverage proven hardware and software platforms to develop the most dependable power solutions for OEM and enterprise customers worldwide.

Why Choose Green Cubes Technology?

Total Power Solutions:


Our expertise in smart batteries, chargers, and docking stations ensures a comprehensive systemlevel design solution tailored to your needs.


Team-Based Customer Resources:


Our in-house engineering team covers essential disciplines, including electrical, software/ firmware, mechanical, manufacturing, and compliance to support your unique requirements.


Proven Industry Experience:

With a presence in six countries and decades of innovation, our power solutions are trusted by industry leaders.

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