



Maintenance Free



5 Years Warranty



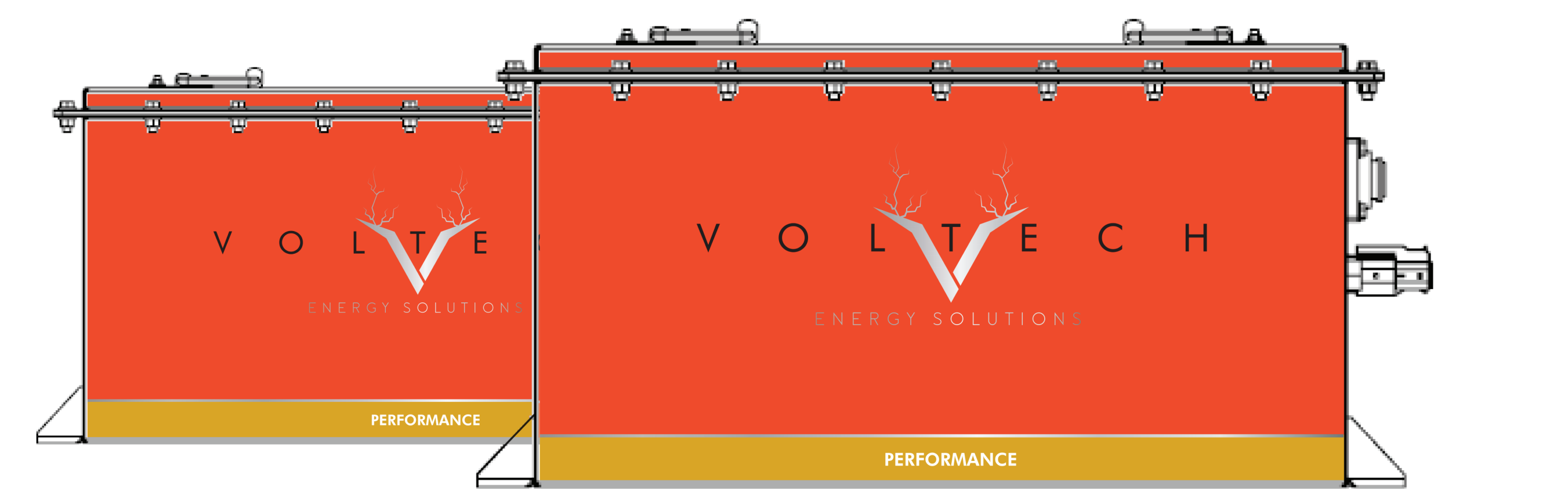
Ecofriendly

- VOLTECH Performance packs are the pinnacle of performance, combining the highest quality with advanced features.
- VOLTECH packs are equipped with intelligent monitoring systems, ensuring optimal performance in the most demanding applications.
- Choose Performance for the best-in-class energy storage solutions that set the standard for excellence.

LFP Battery Packs

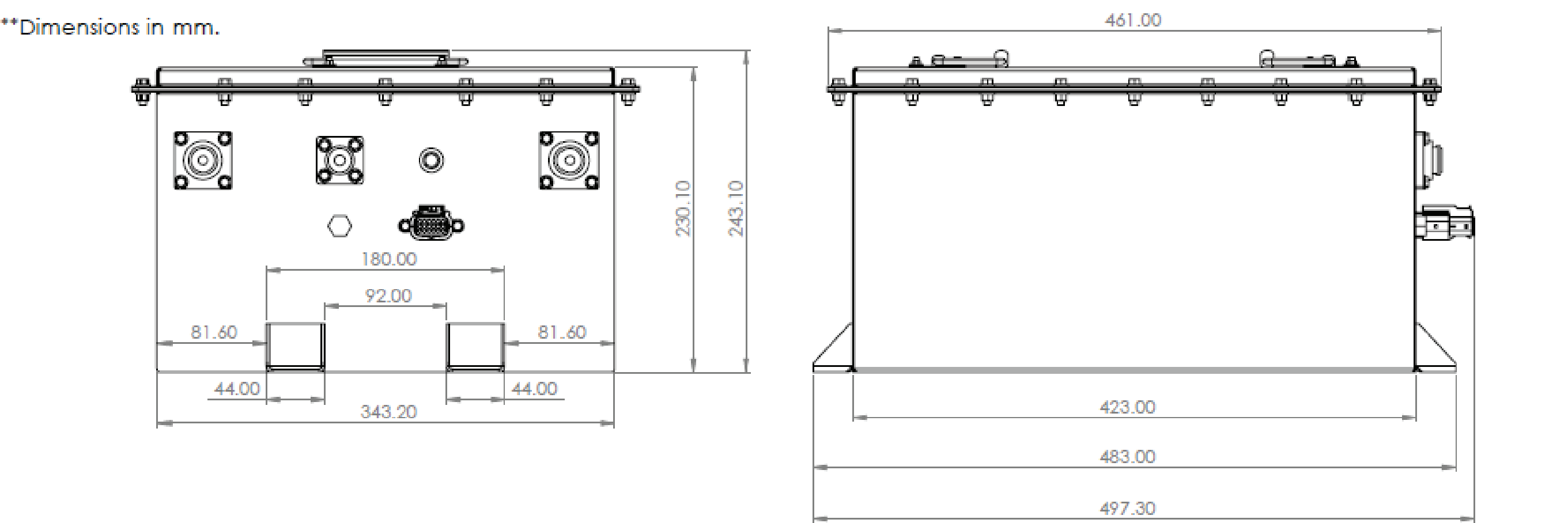
Powering the Future with Innovation

At VOLTECH Energy Solutions, we are committed to delivering high-performance battery packs designed to meet the diverse needs of modern energy storage and automotive applications. Our batteries are built with cutting-edge Lithium Iron Phosphate (LiFePO4) technology, known for its unparalleled thermal and chemical stability. Providing hassle-free operation with minimal downtime. With a lifespan of **up to 4000 cycles**. Whether you need power for residential energy storage, backup systems, or automotive use, VOLTECH’s battery packs are engineered to deliver top-tier performance under various conditions. **Voltech batteries are also compatible with all types of golf cars.**



key feature of our battery packs is the state-of-the-art Battery Management System (BMS), which plays a crucial role in maintaining the safety, efficiency of the packs, the current, voltage, and temperature, ensuring safe power delivery and extending the life of the battery. Additionally, our proprietary CAN communication protocol allows seamless integration with chargers, data acquisition units, and optional connections to vehicle dashboards or motor controllers, providing real-time data and enhanced control. Our packs also include an LCD battery indicator that displays the State of Charge (SOC), along with user alerts and warnings, keeping you informed and in control of your energy usage.

Specification	Value
Rated Voltage	51.2v
Rated Capacity	105Ah
Stored Energy	5.3KW
Voltage Range	40V-58V
Standard Charging Time	4hrs
Discharge Standard Current	50 A
Discharge Rated Current	105 A
Discharge Max Instantaneous	315 A
Charge Standard Current	50 A
Charge Rated Current	105 A
Charge Max Instantaneous	200 A
Lifecycles	4000 cycles
Storage Temperature Range	20°C ±5°C
Cell Combination	16S-1P
Cell Assembly	LF105 (3.2v 105Ah)
Weight	49 kg
Dimensions L*W*H (cm)	46*38*24
IP Rating	IP67
Communications	CAN protocol



Charging Unit Specification

Model	E15-48V25A
Shell	Aluminium Casting
Max Power	1500W
Input	85-265Vac / 40-70Hz
Protection Level	IP66
Operating Temperature	-20°C ~ 65°C
Storage Temperature	-40°C ~ 85°C
Smart Charging with CAN Protocol	

