

# PE500-403 *Vigor+* Battery Pack



**Superior lithium-ion solutions  
for your energy needs**



*\*Final product may differ from image shown above*

EnerDel's PE500-403 *Vigor+* battery packs can be used in a variety of applications and contain passive or forced air thermal management options with interfaces on both the left and right side of the pack. The pack can also have 12V or 24V configurations.

Multiple packs may be connected in series and parallel, to create larger energy storage systems with one pack identified as the "executive" pack which communicates with the vehicle controller while the rest of the packs act as "expansion" communicating to the executive pack.

TRANSPORTATION

MARINE

INDUSTRIAL

MILITARY

| Specifications           | Vigor+ Pack        |
|--------------------------|--------------------|
| Name                     | PE500-403          |
| Nominal Voltage          | 355 V              |
| Min/Max Voltage          | 288 V/403 V        |
| Rated Capacity           | 50 Ah              |
| Rated Energy             | 17.7 kWh           |
| Max. Cont. Discharge     | 150 A              |
| Max. Pulse Discharge     | 250 A (10 seconds) |
| Max. Cont. Charge        | 100 A              |
| Max Pulse Charge Current | 100 A (10 seconds) |
| Dimensions               | 808 x 549 x 305 mm |
| Mass                     | 152 kg             |

## Key Features

- Designed for a variety of industries and applications
- Passive or forced air thermal management
- Universal mounting
- Scalable design
- Easily configurable to fit a variety of needs

## Applications



*Stronger. Longer. Smarter.*

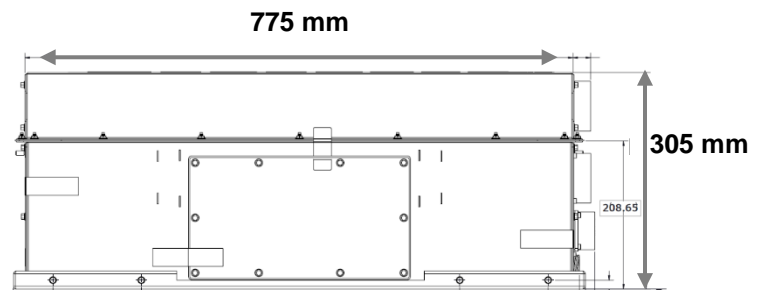
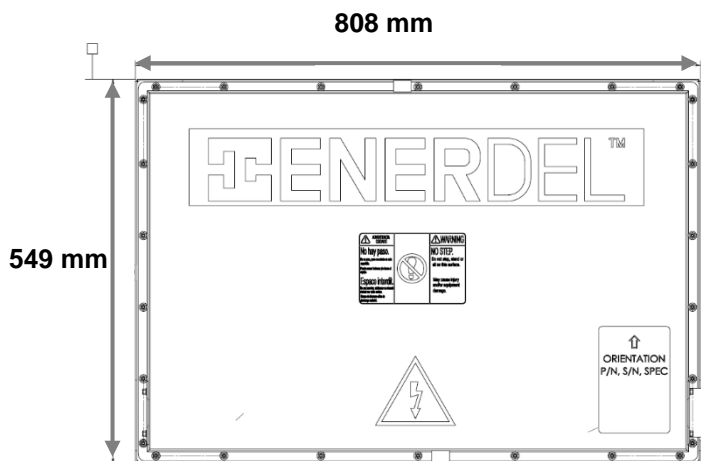
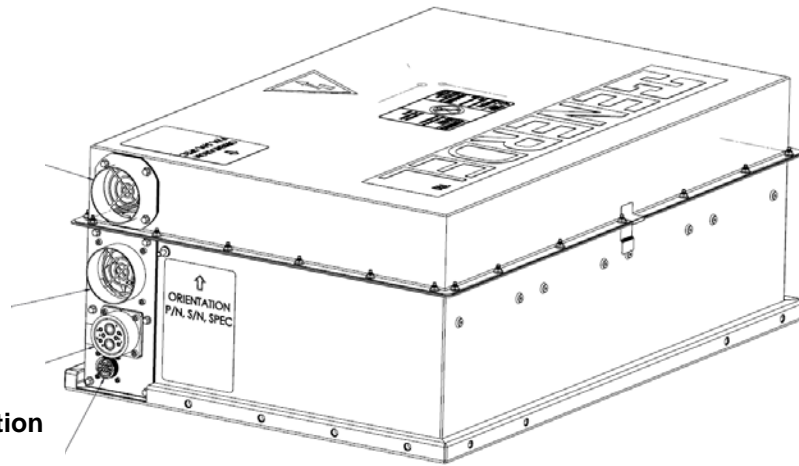
[EnerDel.com](http://EnerDel.com)

# PE500-403 *Vigor+* Battery Pack

## System Interface Specifications



Air Outlet  
Air Inlet  
HV Connector  
LV Communication Connector



### Battery Management System

EnerDel's prismatic cells are optimized through the use of its battery management system (BMS), which provides control, balance and management of the cells. EnerDel's BMS offers an easy interface for commonly-used controllers to monitor and diagnose the system in real-time. The BMS helps to ensure safe and accurate operation.

Final product specifications may vary. All information is subject to change without notice.  
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