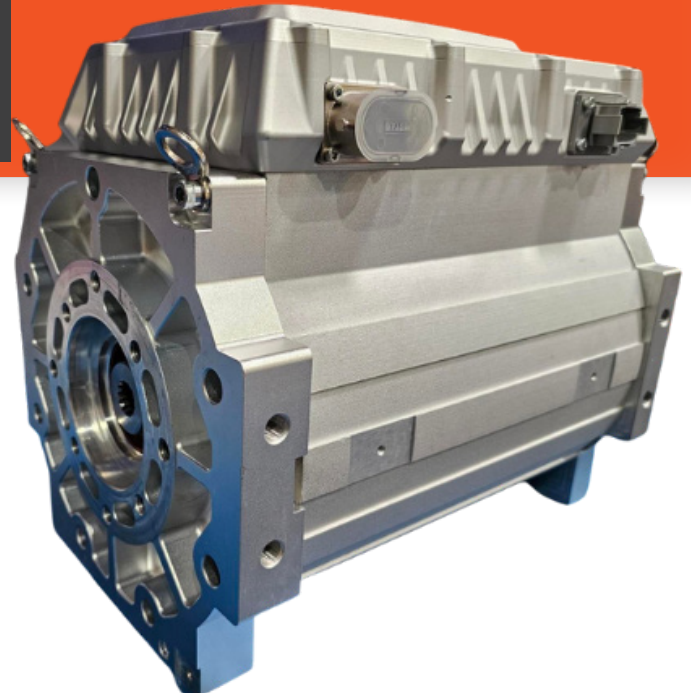


## EHPU | ELECTRO HYDRAULIC POWER UNIT

### FRAME SIZE 3



### FEATURES

- Integrated High Voltage Motor Controller
- Internal Pressure Sensors (Built In Pressure Control Modes)
- J1939 CAN Control
- 300 to 800 VDC Operating Range
- SAE B 2-Bolt Pump Mounting Interface
- SAE B 13T Spline Shaft
- Robust IP68 Rating
- Efficient Liquid Cooling System
- Extremely compact and power dense PM Motor
- Regen and Generator Control options available

The Terzo Power, Frame Size 3, Electro-Hydraulic Power unit is the only motor on the market specifically designed around the needs of hydraulic systems, focusing on ease of integration, and efficiency. The standard SAE B Mounting interface, built-in pressure sensors, and CAN Bus Control allow for true plug and play integration. All Terzo Power Hydrapulse units include pressure control software utilizing the built-in pressure sensors, this allows the Hydrapulse motor to simulate the performance of pressure compensated or load sense piston pumps with helical gear pumps that are much quieter and able to ramp up and down more quickly allowing the motor to stop more often.

### SPECIFICATIONS

<b>Rated Power</b>	66 kw
<b>Peak Power</b>	90 kw
<b>Rated Torque</b>	180 Nm
<b>Peak Torque</b>	245 Nm
<b>Operating Voltage</b>	350 to 800 VDC
<b>Controller Voltage</b>	9 - 36VDC
<b>Rated Motor Speed</b>	3500 RPM
<b>Efficiency</b>	up to 96%
<b>Cooling Medium</b>	50 / 50 WEG
<b>Cooling Temperature</b>	<60C (Peak performance) 80C (Max Temp)
<b>Operating Temp</b>	-40 to 80C
<b>Weight</b>	200lbs (90kg)

### PRODUCT DIMENSIONS

- Length - 15.8" (401mm)
- Width - 10.75" (273mm)
- Height - 13.9" (353mm)

### TYPICAL APPLICATIONS

- Hydraulic Accessories On-Highway Vehicles (EPTO)
- Mining Equipment
- Construction Equipment
- Electric Traction Drive Motors
- Fan Drive Motor
- Refuse Trucks
- Street Sweepers
- Generator