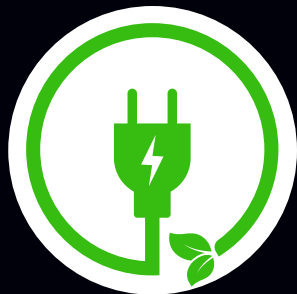


Introducing Our New 2023 HP35E-electric Hydra Platform!



We Are
Running on
GREEN!

FEATURES

- **NOISE REDUCTION:** All-electric system reduces noise levels to 65 decibels equivalent to the noise generated from normal conversation.
- **ZERO ENGINE EMISSIONS:** 48-volt battery powers hydraulic/control system thus eliminating gas emissions.
- **ON DEMAND HYDRAULIC SYSTEM:** Electric servo motor and electric pump provides advanced "on demand" hydraulic function speeds.
- **INCREASED HYDRAULIC SYSTEM EFFICIENCY:** Motor controller and electric motor ensure maximum system efficiency (95%) delivering hydraulic power on an as needed basis. This significantly reduces rate at which the hydraulic oil temperature increases eliminating the need for an oil cooling system.
- **FAST CHARGING:** Battery pack can be charged within 3 hours to increase productivity.
- **COLD TEMPERATURE FUNCTIONALITY:** Integrated heater warms battery as needed to improve performance in cold weather conditions.
- **INTEGRATED BMS:** Battery management system is built into battery pack eliminating need for external BMS system.
- **EASY SYSTEM INTEGRATION:** Automated master / slave detection allows for the addition of up to 10 battery packs.
- **SAE J1772 STANDARD CHARGING CONNECTOR:** Will work with all J1772 vehicle type connectors up to Level 2 EVSE (Electric Vehicle Supply Equipment).

BATTERY SPECS

Cell Chemistry	Nickel Cobalt Manganese
Pack Energy	3.2 kWh (62 Ah)
Continuous Power	3.1 kW (60 A)
Cycle Life (@ 25°C)	2000 @ 80% DoD
Scalability	Up to 10 packs in parallel
Pack Voltage (Nom / Max)	51.7 V / 58.1 V
Recommended Charge CCCV	20 A / 58.1 V

CHARGING SPECS 240V

Charging Power	16 Amp (3.8 kW max)
Supply Circuit	208 / 240 V, 30 A
Vehicle Connector Type	Lockable SAE J1772
Environment Rating	Indoor / Outdoor

CHARGING SPECS 120V

Charging Power	12 Amp (1.4 kW max)
Supply Circuit	120V , 15 A
Vehicle Connector Type	Lockable SAE J1772
Environment Rating	Indoor / Outdoor

AVAILABLE
FOR
PURCHASE
SOON!

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