

ALL-ELECTRIC EXPORTABLE POWER FROM ODYNE

Odyne, a leader in electrification technology for medium and heavy-duty vehicles since 2009, has leveraged its deep expertise to offer a 100% electric export power system. The advent of all-electric trucks requires zero-emission solutions to replace traditional generators and engine driven equipment. The Odyne all-electric export power system meets that challenge with:

- *Electric Stationary Operation*
- *Environmentally Friendly, Quiet, Zero-emissions Power*
- *High Power - 6kW to 36 kW of exportable 120/240V AC power*
- *High Energy - 15 kWh to 30+ kWh, matched to the application*



EASY TO USE

Our self-contained electrification unit provides a drop-in generator replacement with room for additional battery capacity. Features include standard J1772 grid recharging, built in advanced diagnostics, thermal management and IP67 components for a robust, low maintenance solution for a wide variety of applications.

Odyne's all-electric exportable power system installs with ease on any all-electric chassis. It's a perfect fit for diverse EV platform applications, including electric utility trucks, mobile command centers, book mobiles, medical, refrigeration, and retail food trucks.

- *Minimally intrusive, independent from the high voltage traction system*
- *Maintains isolated control of the chassis electrification system*
- *Flexible connectivity with chassis communications (CAN)*

EXPANDABLE

Power for ePTO (electric power take-off) applications, including hydraulic pumps and compressors.

VERSATILE

Odyne's system provides quiet all electric power for all your job site applications, including:

- *Computers*
- *Heating/cooling units*
- *Air compressors*
- *Tools*
- *Welders*
- *Pumps*

Learn more about building your exportable power solution with Odyne. Visit odyne.com.

Odyne Systems, LLC | W237 N2878 Woodgate Road, Suite 2 • Pewaukee, WI 53072 • (262) 544-8405

ALL-ELECTRIC POWER YOU CAN COUNT ON



SPECIFICATIONS

BATTERY:

- 15 to 30+kWhr energy storage system

INVERTER:

- DC/AC Inverter @ 6kW to 36 kW output power capability
- 120/240 Vac Output
- Over Temperature, Over Voltage & Over Current protection built-in.
- IP67 Ingress protection
- Liquid Cooled system

CHARGER:

- Universal Voltage Input (85Vac - 265Vac)
- Maximum 32A Current Draw
- Input & Output Charger Protection
- J1772 Complaint
- 6.6kW Maximum Charging Power
- IP67 Ingress protection
- Liquid Cooled system

DC/DC:

- 2.5kW Output Power @ 13.5Vdc (185A)
- Input & Output DC/DC Protection (Short Circuit Protected)

THERMAL MANAGEMENT:

- Integrated cooling system for Inverter, DC/DC & Charger
- Fully self-contained, doesn't use vehicle cooling system.
- Cooling system is controlled & monitored by the Odyne HCU. (Hybrid Control Unit)

TELEMATICS:

- Monitor for health and service needs of the vehicle
- Show Drive time versus Work Time versus Idle Time



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