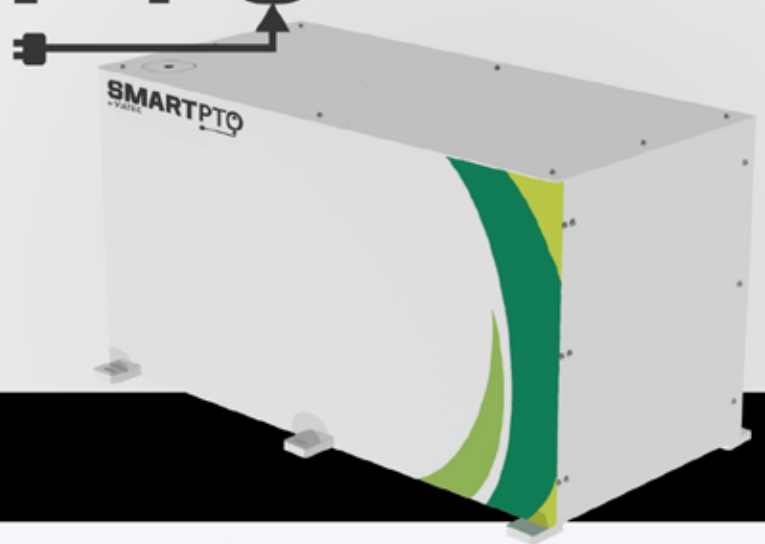


# SMARTPTO

BY VIATEC

The world's first fully electric, universal, power takeoff unit that eliminates the need for idling.



Save up to **\$9100** / Year

## WHY REMAIN IDLE WHEN YOU CAN SAVE MONEY?

The SmartPTO allows trucks to operate their lifts and buckets without needing to idle the truck. It provides clean rechargeable battery power for the bucket lift - saving fuel, reducing harmful emissions and noise, and lower costs. It enhances the life and ultimate resale value of your truck while minimizing the cost of installation. The SmartPTO can be installed by Hydradyne on most trucks within a few hours. A win-win solution for truck operators, fleets, and communities alike! Contact Hydradyne about options and installation today.



## ANNUAL SAVINGS

Based on a single truck utilizing SmartPTO

Save **1,890** Gallons in Fuel 

Save **69%** on Maintenance 

Reduce **42,300 lbs** of Co2 Emissions 

**85% Reduction** in Noise 

**(864) 675-6317**



**Hydradyne**

[hydradynellc.com/SmartPTO](http://hydradynellc.com/SmartPTO)

# SPECIFICATIONS

## HYDRAULICS

|                         |  |
|-------------------------|--|
| Pump Type               | Vane Pump  |
| Maximum Output Pressure | 3500 psi   |
| Maximum Output Flow     | 15 GPM   |
| Valving                 | Outlet Check; Adjustable Internal Relief                                       |
| Sensing                 | Output Pressure; Load Sense Pressure (where applicable); Inlet Oil Temperature |
| Coupling Interface      | Quick Couplings  |

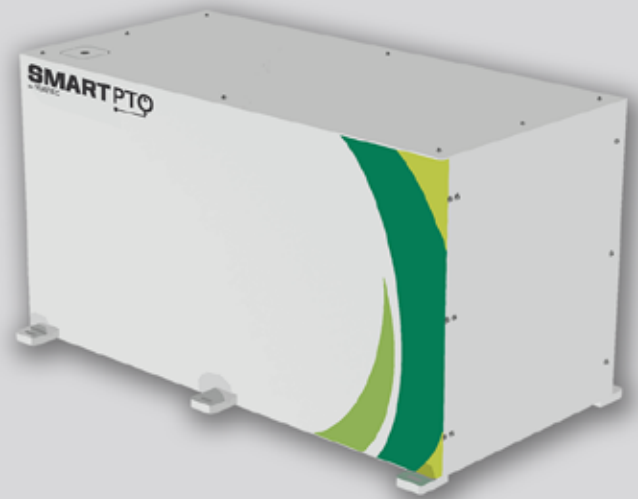
## ELECTRICALS

### BATTERY PACK

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Chemistry                       | Li - NMC                             |
| Storage Capacity                | 14.4 kWh - Default                   |
| Add-on options:                 | 3.6 kWh, 7.2 kWh                     |
| Estimated Life                  | ~10 years to 80% of initial capacity |
| Battery Management System (BMS) | Integrated                           |
| Cooling                         | Air                                  |

### MOTOR

|             |                 |
|-------------|-----------------|
| Type        | IPM-AC          |
| Peak Power  | (10 sec) 52 kW  |
| Peak Torque | (10 sec) 157 Nm |
| Cooling     | Air             |



## CHARGING

| CHARGERS                            | DEFAULT                 | ADD-ON OPTION |
|-------------------------------------|-------------------------|---------------|
| Power                               | 1300W                   | 6000W         |
| Input 240V                          | 120 V AC Level I        | AC Level II   |
| Recharge Time (for default storage) | 9.8 hrs                 | < 2.5 hrs     |
| Interface                           | Standard NEMA 5-15 plug | SAE J1772     |

## SYSTEM

|                |   |
|----------------|---|
| Compatibility  | Works with open-center as well as closed-center hydraulics. Ideally suited for higher power and higher energy applications. |
| User Interface | 7" Color Touchscreen  |
| System Weight  | ~400 lbs  |

*All configuration options may not be available immediately. Please contact Hydradyne for details.*

Hydradyne is the official distributor for SmartPTO. Contact us for more information about the system, options, and installation to start saving today.



**Hydradyne**

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