



VIATEC

ELECTRIFY YOUR WORK
WITH THE ePTO LEADERS

SMARTPTO



EMISSIONS-FREE, EASY

PARALLEL PRESERVES STOCK FUNCTIONS
Easy Installation with Little Integration

**Power hydraulic work equipment
and maintain chassis battery.**

UNIVERSAL

CHASSIS - AERIAL - HYDRAULIC - ELECTRIC - HVAC

PLUG & PLAY

SmartPTO is a standalone Electric PTO that powers all the hydraulic and electrical functions on a utility truck so it can fully operate at a worksite without the diesel engine running. It is calibrated to the truck/aerial specs so the operational "feel" is the same and the original PTO remains intact and available.

SILENCE IS SAFETY
Create a Cleaner, Quieter, Comfortable Worksite

RELIABLE POWER
Telematics provide insight

SIMPLE

Easy Install, same process for upfit or retrofit, two connections:

1. Existing hydraulics.
2. Truck electronics.

Simple to use, the operation is the same as the mechanical PTO and reliably provides power for your work day without maintenance.

ELEGANT

Everything is inside the box so it is non-invasive to the truck drivetrain and systems. This leaves the truck in "Stock" condition including the warranty. Our advanced battery architecture provides the resiliency your crews need in the field. Built in telematics and remote updates.

FLEXIBLE

Works on Any chassis / aerial device combination. Four battery configurations. Remove and reinstalled on another truck. Conventional PTO remains available when not able to recharge, like during disaster recovery.

Want to learn more?
(833) 484-2832 (833-4-VIATEC)

Finally, an ePTO that
checks all the boxes.

www.viatec.us
sales@viatec.us

SYSTEM SPECIFICATIONS

SmartPTO



Battery Capacity	7.2 kWh		14.4 kWh		21.6 kWh		28.8 kWh	
Hydraulics								
Output Pressure	Up To 4000 psi (275 bar)							
Output Flow	Up To 21 GPM (79 LPM)							
Valving	Output Check; Adjustable Internal Relief							
Suction Port	Female SAE-ORB -20							
Pressure Port	Female SAE-ORB -12							
Return	Female SAE-ORB -4 (not required for Open Center)							
Export Power								
Current Rating	~146 A at 13.7V (~73A at 27.4V)							
Power Rating	2000W							
Battery								
Chemistry	Lithium NMC							
Storage Capacity	7.2kWh		14.4 kWh		21.6kWh		28.8 kWh	
Estimated Life	10 years to 80% of initial capacity							
Battery Management System	Integrated							
Operating Temperature Range*	-25°C to +45°C ambient temperature							
Charging								
Default Charger	1300W 100-260VAC 50/60Hz Input							
Recharge Time (Default Charger)	5 hrs		10 hrs		15 hrs		20 hrs	
Fast Charger (Add-on Option)	6000W SAE J1772 EV Interface							
Recharge Time (Fast Charger)	1 hr		2.25 hrs		3.25 hrs		4.5 hrs	
User Interface								
Primary	Indicator LEDs on enclosure							
Control	Remote mounted e-stop and pump toggle switch							
Dimensions and Weight								
Length	36" (915 mm)				50" (1270 mm)			
Width	18.5" (470 mm)							
Height	24.5" (622 mm)							
Weight	470 lbs (191 kg)		550 lbs (236 kg)		660 lbs (282 kg)		750 lbs (327 kg)	
Notes								
*Ambient temperature range is estimated based on cell temperature limits, cooling capacity, and built-in heater capacity; Actual performance may vary based on operating environment, storage conditions when not in use etc.								