



**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 GOLDEN**  
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 is unaffected when not able to recharge, like disaster recovery

Want to learn more?  
Call (844) TEREX-4U

Finally, an ePTO that  
checks all the boxes.

[www.viatec.us](http://www.viatec.us)  
[sales@viatec.us](mailto:sales@viatec.us)

# SYSTEM SPECIFICATIONS

## SmartPTO



Battery Capacity	7.2 kWh	14.4 kWh	21.6 kWh	28.8 kWh
<b>Hydraulics</b>				
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)			
<b>Export Power</b>				
Current Rating	~146 A at 13.7V (~73A at 27.4V)			
Power Rating	2000W			
<b>Battery</b>				
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			
<b>Charging</b>				
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
<b>User Interface</b>				
Primary	Indicator LEDs on enclosure			
Control	Remote mounted e-stop and pump toggle switch			
<b>Dimensions and Weight</b>				
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)
<b>Notes</b>				
*Ambient temperature range is estimated based on cell temperature limits and cooling capacity; Actual performance may vary based on operating environment, storage conditions when not in use, etc				