

Specifications – 8 GPM Version

Hydraulics

Valving	Outlet Check; Adjustable Internal Relief
Sensing	Output Pressure; Inlet Oil Temperature Cutoff

Battery

Chemistry	Li – NMC
Storage Capacities	7.2 kWh (Default)
Estimated Life	~10 years to 80% of initial capacity
Battery Management System (BMS)	Integrated
Cooling	Air

Charging

Power	6000W. Requires access to 240 V AC outlet, and J1772 EVSE charge adaptor (not included)
Input	240V AC Level II
Recharge Time (for default storage)	~1 hour
Interface	SAE J1772

Electrified AC

Refrigerant Compatibility	R134a; R1234-yf
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System

Compatibility	Open Center hydraulic systems
User Interface	UI Panel on box; Smartphone App
System Weight	TBD - ~475 lbs.

Dimensions

Length	35"
Width (enclosure)	19"
Height	22"

Specifications – 18 GPM Version

Hydraulics

Pump Type	Vane Pump
Maximum Output Pressure	3988 psi
Maximum Output Flow	18.8 GPM
Valving	Outlet Check; Adjustable Internal Relief
Coupling Interface	Female SAE-ORB: Suction -20; Pressure -12

Battery

Chemistry	Li – NMC
Storage Capacities	14.4 kWh (Default), +7.2kWh (Add-on Option)
Estimated Life	~10 years to 80% of initial capacity
Battery Management System (BMS)	Integrated
Cooling	Air

Charging

	Standard	Optional Add-On
Power	1300W	6000W
Input	120 V AC Level I	240V AC Level II
Recharge Time (for default storage)	< 11 hrs	< 2.5 hrs
Interface	Standard NEMA 5-15 plug	SAE J1772

System

Compatibility	Works with open-center hydraulics. Ideally suited for higher power and higher energy applications.
User Interface	7" Color Touchscreen + (Default) Key-switch + Pump on/off Rocker Switch (Default) E-stop + Pump on/off Rocker Switch (HVAC Option) Dash mounted SmartPTO and eAV Switches
System Weight	~550 lbs (Base configuration) + ~95 lbs (Add-on 7.2 kWh battery) + ~25 lbs (Add-on Fast Charger)

Dimensions

Length	41"
Width (enclosure)	20"
Width (mounting feet)	23"
Height	22.4"

Standard Features & Options - V2

Item	Standard / Optional	Notes
SmartPTO Base Unit		
Base SmartPTO Unit 14.4 KWh Battery Pack 12V Export Power	Standard	Includes base configuration SmartPTO unit, Control Panel, and kit containing all electrical extensions and interconnects. Does not include hydraulic hoses and fittings. Configurable Options
Configurable Options		
Battery Packs		
Additional 7.2 kWh battery	Optional	Additional 7.2 kWh battery pack added inside SmartPTO unit
Telematics		
Advanced Telematics - (Option "1") - Parker IQANconnect™	Standard	Includes 1 yr. service subscription, remote monitoring, over-the-air software updates, and remote troubleshooting support
Advanced Telematics - (Option "2") - Parker IQANconnect™	Optional	Includes 3 yr. service subscription, remote monitoring, over-the-air software updates, and remote troubleshooting support
Cab Comfort		
Electrified Cab AC	Standard	Available through Bergstrom; Standard Integration and Installation are Included in the price. Any custom integration will be charged additionally. Warranty is directly offered by Bergstrom. Ongoing support will also be offered by Bergstrom, at an additional charge.
Cab Heating	Not Available	Viatec does not provide cab heating option. We can recommend several readily available and market tested products for direct acquisition, if requested.
Charger		
1300W Level I (120V AC)	Standard	Requires Standard 3-prong NEMA 5-15 outlet
6000W Level II (240V AC)	Optional	Requires additional charge tank accessory (included), access to 240V AC outlet, and J1772 EVSE charge adaptor (not included)
Lightweight Package		
Change in paneling to ensure a lighter unit	Optional	Replaces default steel cover panels with lightweight aluminum panels for a ~70lbs of weight reduction
Optional Accessories		
Thermal Insulated Cover – Recommended for Cold Weather conditions	Optional	Custom Battery insulator protector for extreme cold weather conditions. An insulated cover with self-regulating heating elements, that helps to keep battery temperatures in their preferred operating range.
Ford/ GM/ Chrysler Compatibility module	Optional	Allows SmartPTO to interface with the CAN bus for vehicles without J1939. This is necessary for the system to disable itself when the vehicle engine is restarted or running.