

SYSTEM SPECIFICATIONS

SmartPTO for Electric Vehicles



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 (Optional)									
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	Secondary	Remote mounted e-stop and pump toggle switch						Touch Encoder	
Dimensions and Weight									
Length		36.5" (928 mm)				50" (1270 mm)			
Width		18" (458 mm)							
Height		24.5" (622 mm)							
Weight		425 lbs (191 kg)		495 lbs (236 kg)		635 lbs (282 kg)		705 lbs (327 kg)	
Notes									
*Ambient temperature range is estimated based on cell temperature limits. Actual performance may vary based on operating environment, storage conditions when not in use, etc.									