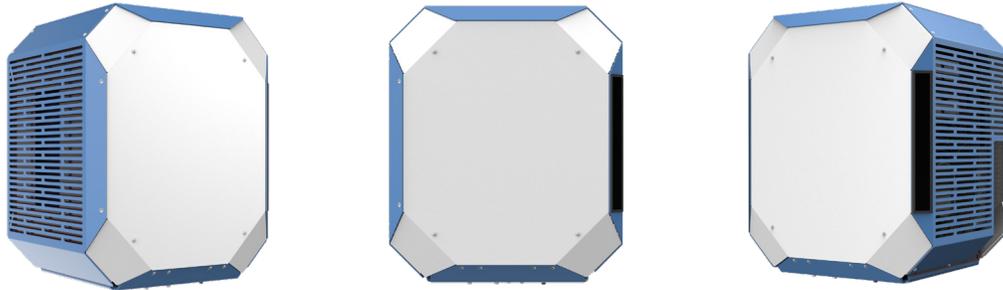


SYSTEM SPECIFICATIONS

SmartAPU for Over the Road



Pictured systems are ideal renderings. Appearance may be subject to change.

DC Output	
Voltage (nominal)	13.6V DC
Current (max continuous)	~220A
Power (rated max)*	3000W
Inverter Output	
Voltage (nominal)	120VAC
Current (max continuous)	25A
Power (rated max)*	3000W
Battery	
Chemistry	Lithium NMC
Storage Capacity	6.4-12.8kWh
Estimated Life**	7 years to 80% of initial capacity
Battery Management System	Integrated
Operating Temperature Range**	-20°C to +45°C
Charging	
Method (Primary)****	Intelligent charge-off-the-engine
Method (Secondary)	Plug-In
Onboard Charger	1500W, 120V
Recharge Time*****	~5.5-11 hrs
User Interface	
Primary	Touch Encoder display
Truck Interface	
Communication	Vehicle powertrain J1939 CAN
12V System	To truck 12V batteries via 250A Fuse/ Breaker
Notes	
*Combined maximum output power (AC and DC) is 3000W. **Estimated life based on 300 operating days per year, assuming charge rate = 0.3C, discharge rate = 1C at 25°C. ***Operating temperature range is dependent on actual cell temperatures. Actual performance may vary based on operating environment, storage conditions when not in use, etc. ****Engine-based charging rate is limited by the vehicle's alternator. *****Based on shore power charge.	