VALID POWER SYSTEM 20kWh SPECIFICATIONS (HYBRID COMPATIBLE)

VPS20-12 ENSURES VERSATILE PORTABLE POWER

Electrical

Capacity	20kWh
20 Sec Surge Power (5°C to 40°C)	20kW
1 Min Surge Power (5°C to 40°C)	15kW
15 Min Surge Power (5°C to 40°C)	13.5kW
Continuous Output Power (5°C to 40°C)	12kW
Input Voltage	194 to 243 VAC
Output Voltage (Pure Sine Wave)	110/230VAC split phase +/- 10%
Level 2 EV Charging	240VAC +/- 5%
Charge Cycles (80% Capacity)	Min 3000
AC Charge Current (Selectable)	15A, 24A, 30A (@ 240VAC)
Charge Time	30A/240VAC = 3.75 hrs

Mechanical

Dimensions	29"W x 36"H x 44"L
Weight	688 lbs
Weight on Electric Cart	988 lbs
Transportation	Electric Cart, Forklift or Valid™ Trailer

Safety Certifications

SPE1000

Environmental

Ambient Temperature Range	Discharge -30°C to 50°C Charge -10°C to 45°C
Humidity	95% non-condensing
IP Rating	54

Input Connection (Multiple Configurations Available)

Twist Lock CS8275 50A @250VAC California-Style

J1772 EV Connector

Output Connections (Multiple Configurations Available)

NEMA 5-20R 20A @ 120VAC

Joy 50A @ 120VAC

Twist Lock CS8269 50A @ 240VAC

NEMA L5-30R 30A @ 120VAC

Closed-Contact AutoGen Start

USB Fast-Charge Ports

Optional Features

PV Charging

Remote Monitoring



***Design and features are subject to change**

Advanced Technology. Simple Solutions.

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