

VALID POWER SYSTEM 100kWh SPECIFICATIONS (HYBRID+ COMPATIBLE)

VPS100-30 PROVIDES ZERO EMISSION PORTABLE POWER

Electrical

Capacity	100kWh
0.2 Sec Surge Power (5°C to 40°C)	45kW
1 Min Surge Power (5°C to 40°C)	37.5kW
10 Min Surge Power (5°C to 40°C)	34.5kW
Continuous Output Power (5°C to 40°C)	30kW
Input Voltage	208 3-phase VAC +/- 10%
Output Voltage (Pure Sine Wave)	208 3-phase VAC +/- 10%
Charge Time to 98%	3.5 hrs
Charge Cycles (80% Capacity)	Min 3000
Max AC Charge Current	83A @ 208 VAC 3-phase
Charge Time	83A/208VAC 3Phase = 3.5 hrs

Mechanical

Dimensions	54"W x 45"H x 84"L
Weight	3300 lb
Transportation	Valid™ Trailer or Forklift

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 From Generator

1 sets, 5 wire camlock connection
(3-phase + Neutral + Ground)

Output Connections

2 set, 5 wire camlock connection
(3-phase + Neutral + Ground)

Qty 2 NEMA 5-20R 20A @ 120VAC

Qty 3 Joy 50A @ 120VAC

Qty 2 USB Fast-Charge Ports

Additional Features

Output AC Coupling Capable

Modbus TCP Generator Interface (Compatible Genset)

2-Wire Auto Generator Start

Stackable up to 4 Units for 400kWh capacity and up to a total of 120kW Single or multiple source output

Optional Remote Monitoring



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



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