

# KiloVault® RES-Q™ Portable Power System

Emergency Backup Power For  
Your Most Critical Loads



## Portable, Powerful, Life-Saving

KiloVault® RES-Q™ provides portable emergency power for your most important household appliances and devices. The RES-Q is a seamless solution that protects you when outages leave you powerless for an extended period of time. This quiet, portable device is all about practicality and endurance, lasting for 2500+ life cycles. Other systems try, but none can match the power of this all-in-one portable power supply system.



### Keep Food and Medicine Cool

Designed to provide emergency backup power for your most critical household appliances and devices: lights, fans, cell phone/tablet charging, and with a 3000 watt surge - even a refrigerator.



### Safe For Indoor Use

Unlike fossil fuel powered generators and lead-acid batteries, the LFP Lithium batteries have no emissions and are safe to use indoors.



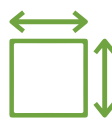
### Quiet Operation

The protected lithium core produces power without the loud, continuous sound made by other gas or diesel generator engines.



### Charge with Renewable Sources

Built-in solar charge controller connects with solar panels up to 300 watts at 12 volts, or can be charged with AC power sources.



### Portable Design

RES-Q is compact, measuring just over 2 cubic feet and weighing only 61.7lb - small enough to carry or store just about anywhere.



### Expandable Energy Storage

The internal 1280 watt-hour LFP lithium battery can be expanded with additional 12 volt lithium-ion or lead-acid batteries.

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### Electrical Specifications

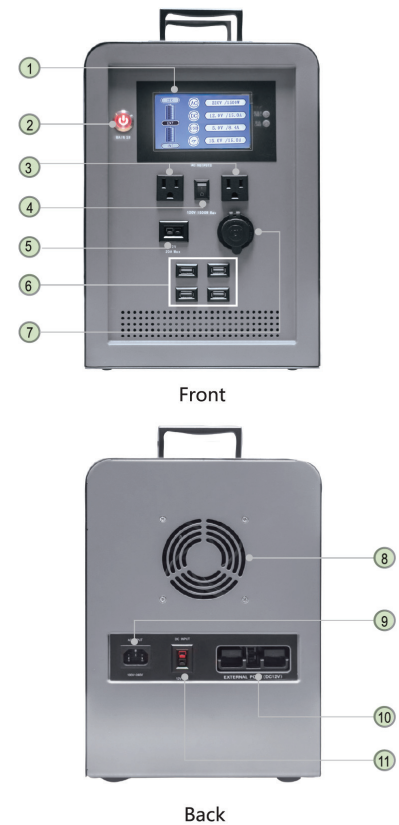
ITEM	SPECS
Model	1500 RES-Q
Rated Voltage	12.8V
Nominal Amp-Hour Capacity	100Ah
Rated Capacity	1280 Wh
Minimum Charge Time	2.5 Hours
Charge Retention	1 Year (85%)
Max DC Output	20A
Max Charge Current	25A @ 12V from AC or DC circuitry
Max PV Wattage	300W
Cycle Count	2500+ Cycles @ 80% Depth of Discharge
Integrated Inverter	1500W Continuous Output 120VAC Pure Sinewave 3000W Surge (5m)
Integrated Battery	Lithium Iron Phosphate (LiFePO4 or LFP)
Integrated Charge Controller	25A Solar Charge Controller
Front Panel	LCD Display, On/Off Switch, 2 AC Outlets, 4 DC USB Outlets, 1 12V Cigarette Lighter Adapter, 1 12V Battery Expansion Port
Warranty	2 Year Limited Warranty

### Environmental Specifications

ITEM	SPECS
Environmental Rating	Indoor rated only - not rated for rainy, damp, snowy conditions
Operating Temperature Range	23 - 111°F (-5 - 45°C)

### Physical Specifications

ITEM	SPECS
Weight	61.7 lbs (28 kg)
Height	15.7 in (400 mm)
Width	9.4 in (238 mm)
Depth	18.9 in (480.4 mm)



### Res-Q Interface

- |                          |                           |
|--------------------------|---------------------------|
| 1. Smart TFT LCD Display | 7. DC Cigarette Outlet    |
| 2. Main Power Button     | 8. Cooling Fan            |
| 3. AC Outlets (2)        | 9. AC Charging Input      |
| 4. AC Outlet Switch      | 10. External Battery Port |
| 5. DC Anderson Outlet    | 11. DC Charging Input     |
| 6. DC USB Outlets        |                           |

