**TECHNICAL SPECIFICATIONS**

**Dimensions:** 46 L\*37 W\*32 H (cm)

**Weight: 38**kg

**Operating Temperatures:** 23°F–111°F (-5°C–45 °C)

**Operating Conditions:**

* Keep out of rainy, damp, or snowy conditions.
* When charging outside with a solar panel, use the panel to shade the unit for better charging efficiency.
* Do not store in a hot vehicle for extended periods of time (i.e. anything over 5 hours).

**Battery:**

* Lithium Iron Phosphate (LFP)
* 100Ah (2,560Wh) capacity
* 25.6V capacity
* Rated for 3,500+ charge and discharge cycles
* Minimum charge time: 6.5 hours
* Charge retention: 1 year (85%)
* Integrated inverter: 120V/ AC pure sine wave; 2000W continuous output, slow-start feature protects the inverter from over-current draw;
* Maximum of 30A @ 24V charging current from DC circuitry
* Maximum combined charge from AC and DC circuitry: 30A @ 24V DC
* Max DC output current: 30A
* Prismatic cell geometry

**Unit Body:**

* Iron case
* Cooled by back-mounted fan

**LCD Display:**

* 5-bar battery-shaped gauge
  + Always on so you always know when your battery is charged

**Power Controls:**

* Power key on front panel
* AC power ON/OFF switch on front of unit

**Input Ports:**

* DC: AC adapter, 29.2V/10A, 100-120V/220-240V; 29.2V/15A is optional
* DC: Anderson Powerpole connector ports; 1 set; with 20A MPPT charge controller inside, support 36-80V/600W Max. solar panel;

**Output Ports:**

* AC: 110-120V, 60Hz; 3 outlet total current limit of 2000W, including a slow-start feature that protects the inverter from over-current draw
* DC: 4\*USB outlets, 2.1A max; 2\* USB-C PD 3.0 60W Max.
* DC: Anderson Powerpole connectors; 1 set with a total shared current limit of 30A @ 12VDC (360W max output)
* DC: 12V cigarette lighter adapter capable of 10A (120W) max output
* Extension battery port: connect with any 24V battery for charge or discharge (12V/150Ah or above is recommend;

**What in the package:**

* 1\*2000W Portable Power Main unit
* 1\*29.2V/15A AC adapter charger with AC input cable
* 1\* Battery extension cable;