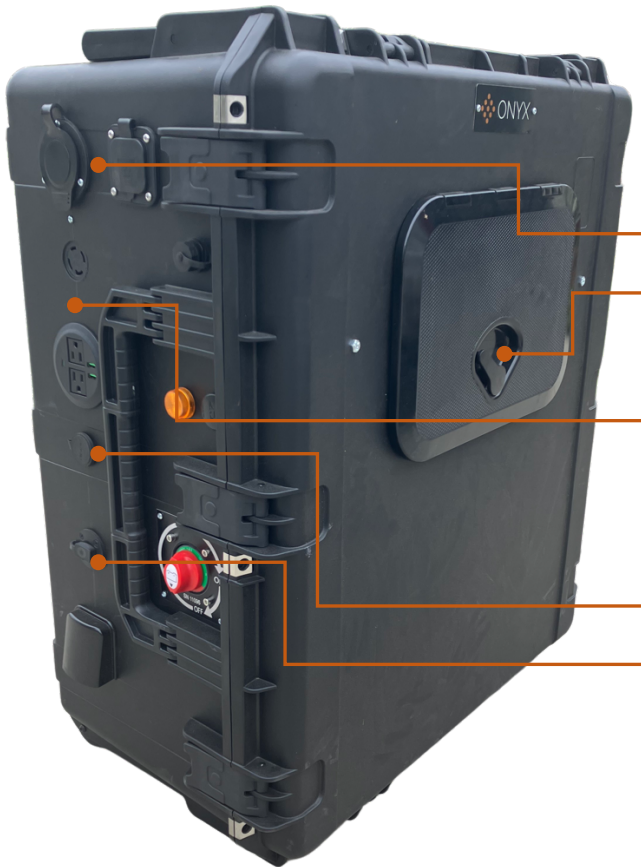













R5 MOBILE POWER SYSTEM









CLEAN POWER ANYWHERE

The ONYX R5 delivers clean power anywhere. Its rugged design, mobility, zero emissions and quiet operation make it ideal for power outages, off-grid living, production, events, and disaster response.

-  4-hour standard-charging; 2-hour fast
-  17.5L onboard storage for cables and tools
-  4,000W pure sine wave power
-  1 x 240V outlet, 3 x 120V outlet, 5 x USB
-  5.0 kWh battery, 100% usable, 5,000-cycle
-  Rugged design (IP54)
-  Expandable energy capacity
-  Solar charging
-  Portable, wheels + handles
-  Global 120VAC & 240VAC (60Hz or 50Hz)
-  Quiet + zero-emissions

CAPABLE

The R5 is ready to power or charge any one of the following, or other devices:

-  20V power drill: >150 charges
-  100W LED lighting: 50 hours
-  Laptop: >100 charges
-  1,000W Pump: >4 hours
-  Mobile phone: >2,000 charges
-  Refrigerator: 3-4 days

RUGGED AND PORTABLE

The R5 is designed for tough terrain and is equally ready to operate indoors, from a vehicle, or outdoors in the elements. Fitted with flip-out handles and wheels for mobility, it's prepared to go where it's need most.

QUIET AND ZERO POLLUTION

The R5 delivers 100% clean and silent power. Unlike generators, it is also suitable for indoor use to power critical devices while avoiding long extension cords, toxic fumes, and disruptive noise.

LONG-LASTING AND EXPANDABLE

The R5 has an industry-leading high-cycle battery system. It can connect to another R5 or an ONYX X-Pack to double or triple its energy, which means you can extend your power for multiple days without charging.



PRODUCT SPECIFICATION

This product must be maintained and utilized within the environmental conditions and operating limits specified below. Any applicable product warranty shall become null and void if product is subjected to and/or operated outside of these limits. Specifications are subject to change without notice.

Performance and Safety	
Model	R5
Nameplate Battery Capacity	5.12 kWh
Usable Battery Capacity	5.0kWh (100%)
Maximum Cycles	7,000 cycles
Remote Monitoring	Yes; via Bluetooth phone app
Expandable Capacity	Yes; via paralleling with R5 or X10 units
Component Certifications	UL1973, EN/IEC 62109-1, CSA C22.2, No. 107.1-01 UL1741 Ed.2, FCC Part 15 Class B

Electrical	
Battery System Voltage	48VDC
Output Power	120 VAC & 240 VAC / 60Hz or 50Hz / 1 Ph
Discharge Power (Cont. / Peak)	4kW / 7kW (5 seconds) at 25°C
Discharge Time @ 2kW / 1kW	2.5 Hours / 5 hours
Input AC Charging	120 VAC & 240VAC
Input Solar DC Charging	2kW / 100VDC / 20A Max
Charge Time	4 Hours via 120V / 2 Hours via 240V
Outlets	3 x 120V NEMA 5-15 (3-Pin) Outlets 1 x 240V L14-30R (30A)
USB ports	3 x USB Type A, 2 x USB Type C
Solar Charging Capable	Yes
Back-up Power Switchover	<10ms

Physical and Environmental	
Operating Temperature Limits	0-40°C / 32 - 104°F
Storage Temperature Limits	6 Months: -10 - 25°C / 14 - 77°F 3 Months: -20 - 45°C / -4 - 113°F
Ingress Protection	NEMA 3R / IP54
Integrated Storage	17.5 L / 4.6 Gallons
Exterior Dimensions	813 x 635 x 432 mm / 32 x 25 x 17 in
Weight	100 kgs / 220 lbs

