



POWERCUBE™

mobile solar power

POWERCUBE 600

THE POWERCUBE™ IS A SOLAR POWERED GENERATOR CONFIGURED TO MAKE AND STORE ELECTRICITY. IT USES PROVEN RENEWABLE ENERGY TECHNOLOGY TO PROVIDE ON-GRID, OFF-GRID, SHORT-TERM, LONG-TERM, PRIMARY OR BACKUP POWER WITHOUT HEAT, NOISE OR EMISSIONS.



Thinking inside the Box

The PowerCube combines proven components and innovative design. It is rugged, mobile, and engineered to be deployed quickly and operated as a stand-alone unit. For larger power demands, single units can be linked together to form a scaled solution.

Ready to Run

The PowerCube is ready to use when it leaves the factory and easily operable by non-professionals. Large scale power storage and inverter capacity provide any user the ability to solve a wide range of critical power requirements.

Big Idea, Small Footprint

The PowerCube uses a revolutionary plug-and-play design unlike anything on the market today. Modular component integration and a simple user interface facilitate quick, easy maintenance. With its unique ability to harvest renewable energy anywhere, the unit supplies essential power without the need for fuel deliveries.



- 600 Watts of Solar Generation
- 3500 Watts of Continuous Inverter Output
- 2400 Amp Hours of Battery Storage
- Revolutionary Plug and Play System Integration
- Instant interconnection
- Rugged Watertight Case
- The Perfect Solar Solution

POWERCUBE 600 SPECIFICATIONS

POWER GENERATION SPECS

Photovoltaics (PV)

Three 200 Watt Solar panels (600 W of Generation)

Charge Controller

MPPT Charge Controller

Output Current

60 amps maximum w/ adjustable current limit for smaller systems

POWER STORAGE

Batteries

6 Marine 200 Amp Hour Batteries (1200 Amps Storage)

Optional

2nd Bank Additional Battery Pack (1200 Amp Bank)

POWER MANAGEMENT/OUTPUT

Inverter

Pure Sine-Wave Inverter/Charger

Nominal DC Input Voltage 24 VDC

Continuous Power Rating at 25° 3500 VA

AC Voltage/Frequency 120 VAC 60 Hz

Continuous AC RMS Output at 25° 29.2 amps AC

AC Overload Capability 6000 VA (Surge)

Maximum Output Current 70 amps AC (Peak)

Standby Power Consumption Less than 1 Watt

Outlets

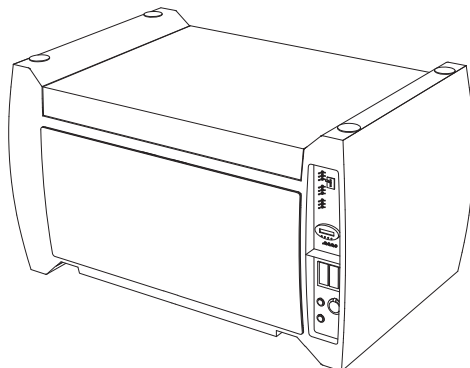
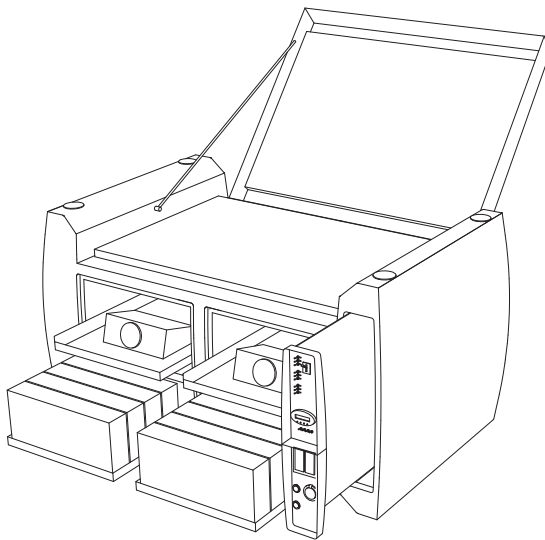
Marine and Outdoor - All Weather Plugs

110V 4 Ground Fault Outlets w/ 20 Amp Breaker

12V 2 12V Female Receptacles w/ 15 Amp Breaker

Building Quick-Connect Plug

Water Tight Gird Connect Plug



DIMENSIONS

	Closed:	Open:
Length	72" (182.88cm)	72" (182.88cm)
Depth	43" (109.22cm)	124" (314.96cm)
Height	40" (101.60cm)	50" (127cm)
Weight	2000 lbs. / 907.19 kilos (depending on configuration)	

MONITORING/REPORTING

Internal To The Box

Complete Generation Monitoring System

External/Remote

Wireless, Web-Based Reporting/Monitoring System

CERTIFICATIONS

All system components are UL Listed.

NABCEP certified solar integration.

WARRANTIES

Power Cube Components have some of the longest warranties in the industry

Power Cube Case Construction: 1 year

Inverter: 5 years

Charge Controller: 2 years

Solar:

Power Output - 20 Years (80% Minimum Output Power)

Product Workmanship - 2 Years (Based on Contract Terms)

COLORS

Standard Color Scheme:

Two-tone Charcoal Grey and Light Grey
(Custom colors available upon request)

PRICE

Price upon request

SHIPPING

Shipping estimates available upon request.

F.O.B. Maine, USA

Contact Information

Reluminati LLC

202.965.1295

powercube@reluminati.com

www.powercubeenergy.com