

Li-Cube Power 7.5 ~ 12

Hybrid Solar Power Station

Reliable • Portable • Solar-Ready

SAVE UP TO
90%
ON FUEL



Up to 300kWh of Battery Reserve

The Li-Cube Power 12 and Power 7.5 are Canadian-designed, containerized hybrid solar power stations designed to deliver reliable off-grid energy wherever needed.

Built with high-efficiency bifacial solar panels and an insulated steel enclosure rated for harsh northern climates, it provides dependable power for security systems, telecom infrastructure, construction sites, and remote operations.



INSULATED
STEEL
ENCLOSURE



SUPPORTS
REMOTE
MONITORING



BIFACIAL
SOLAR
PANELS



Forklift opening



Built with High-reliability Components from Victron Energy and Elios for Stable, Long-term Off-grid Operation



Multi-directional Panel Layout (east, south, west, roof tilt) Extends Generation from Morning to Evening.



Solar: High-efficiency Bifacial Panels for Reliable All-season Energy Production



Multiple Port Options:
12VDC / 24VDC / 48VDC / 120VAC or
120/240VAC for Versatile Connectivity



Remote monitoring with Teltonika Cellular Router and Victron VRM - Bluetooth onsite Communication



Professionally Pre-wired & Pre-programmed by Expert Technicians Guaranteeing Reliable Performance



Ultra-compact, All-in-one Fully Integrated Security System



Plug-and-play Containerized Design Delivered Pre-wired and Deployment-ready



Requires Minimal Maintenance for Hassle-free Operation

Integrated Components



Victron Energy 3000W Inverter/Charger



Victron Smart MPPT 50A Solar Controller



Victron Energy Cerbo GX Monitoring System



Victron Energy Lynx Distributor



Lilio 5.12 / Lilio 16 / Victron Energy 6V AGM Battery



Victron Energy GX Touch 50



Teltonika RUT241



Beny DC Circuit Breaker

Specifications

Product Model

Power 7.5 / Power 12

Electrical

AC Input	120VAC or 120/240VAC 45-65Hz 50A max
AC Output	120VAC or 120/240VAC 45-65Hz 10 000VA max
AC Output Power	3 000VA to 90 000VA
DC Output 12V	Up to 120ADC (Optional)
DC Output 24V	Up to 125ADC
DC Output 48V	Up to 60ADC (Optional)
Min. ambient Temp. Charge	-25°C [-13°F]
Max. ambient Temp. Charge	50°C [122°F]
Min. ambient Temp. Discharge	-25°C [-13°F]
Max. ambient Temp. Discharge	50°C [122°F]

Physical

Weight	From 3000 lbs [1362 kg]
Dimensions without mast	2360mm x 2820mm x 2720mm [93in x 111in x 107in]
Outer case	Galvanized steel structure with white industrial paint and 3" insulated walls

Energy Reserve

Battery capacity	Up to 300kWh of Lithium batteries
Battery type	AGM - Carbon Lead Acid - LiFePo4 Lithium
Battery operation voltage	48VDC or 51.2VDC

Solar Power

Installed solar panel	Elios 600 Watts bi-Facial
Solar MPPT	Victron Energy smartsolar MPPT
All Breakers input and output	Absolutely

Backup Power Integration

Generator Option	Cummins commercial generator Or/ DC LPG charger
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Thermal Management

Heating	High-efficiency diesel heater : Espar or Webasto
Cooling	Integrated DC air conditioner

Applications

- Pre-construction and active construction sites
- Security and surveillance operations
- Disaster relief and emergency response
- Off-grid sites and remote buildings
- Commercial and industrial facilities
- Wind turbine construction
- Wifi accès point



LI-CUBE
TECHNOLOGIES

