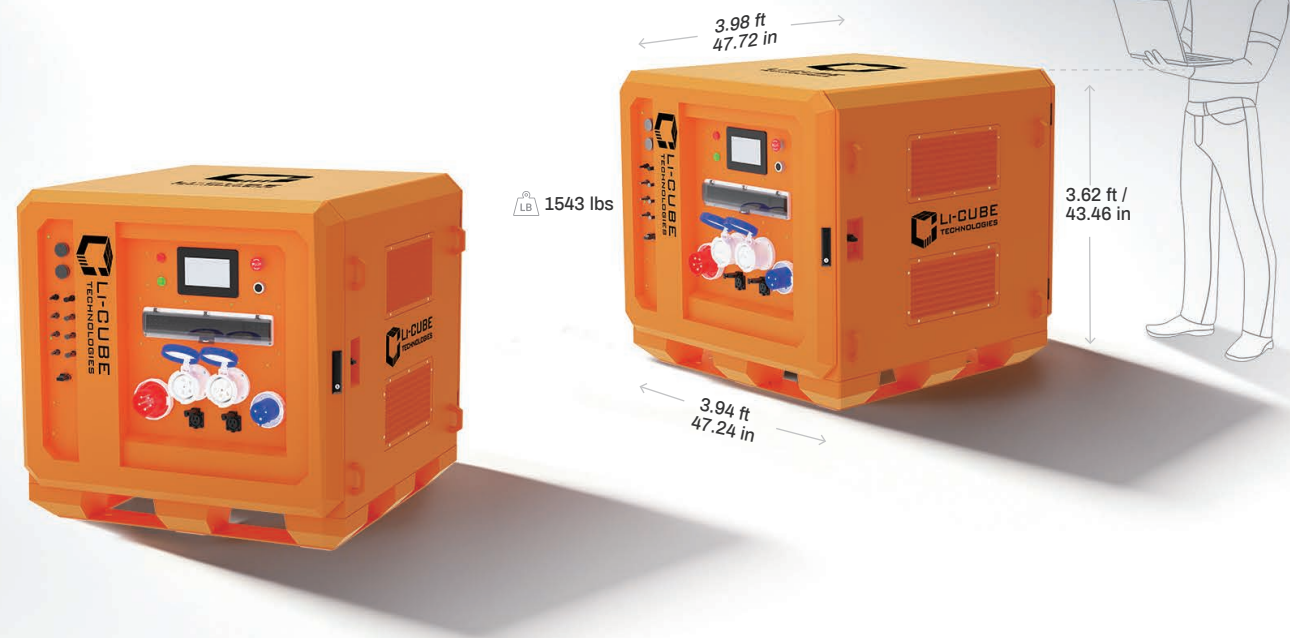


PowerGo Series

Modular Scalable Mobile Energy Storage System

15kW/32kWh | 15kW/33kWh



Easy to Deploy, Simple to Operate & Maintain

Plug-and-play installation with minimal on-site maintenance. Remote monitoring and control for optimized performance and reliability.



Reduce OPEX and Carbon Footprint

Reduces diesel fuel consumption and maintenance costs while simultaneously lowering Scope 1 Emissions.



Improved Reliability

Eliminates downtime from generator breakdowns and maintenance, and protects sensitive drives from poor power variations in voltage from the grid.



Automatic Charging Control

Automatic charge control from grid, solar PV, or diesel generator. Diesel generator will auto start/stop for maximum efficiency with zero manual control required.



Enhanced Safety and Redundancy

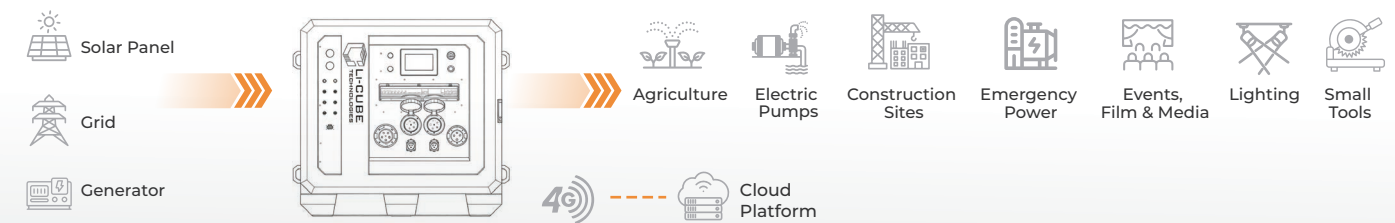
Reduces risk from diesel fires and spills, noise, and noxious fumes, while providing power redundancy to complete critical evolutions in the event of generator breakdowns or grid power outage.



Compact & Lightweight Scalable Modular Configuration

Compact size and lightweight with ability to scale by paralleling up to 6 units for more power and energy in an easy to deploy modular system.

System Topology



Specifications

Product Model	LIC1532-120/240	LIC1533-208
AC Output		
Continuous Power	15kW	
Motor Starting Power	18kW@5min	
Burst Power	22.5kW@10s	
Continuous Current	62.5A	41.6A
Motor Starting Current	75A@5min	50A
Burst Power Current	94A@10s	62.5A
Rated Voltage	120V/240V (L1+N+L2)	208V/220V (3W+N+PE)
Rated Frequency	60Hz	
THDI	3%	
AC Output Interface	CEE / Camlock / NEMA optional	
AC Input		
Max. Power	20kVA	
Voltage / Current	240V (Split Phase) / 83.3A	220V or 208V/41.6A
THDI	3%	
Single Phase Charge	120V/32A	120V/240V, 32A
AC Input Interface	CEE / Camlock / NEMA optional	
Battery		
Nominal Energy	32kWh	33kWh
Chemistry	LFP	
Warranty	4000 Cycles / 5 Years	
PV Input		
Max. Power	24kW	30kW
Max. Input Current per MPPT	27A per MPPT	30A per MPPT
MPPT Voltage Range	120~550V (225-550V, Full load)	160 ~ 950V (340-800V, Full load)
Number of MPPT / Number of String per MPPT	4 / 1	3 / 2
General		
Enclosure Rating	IP54	
Parallel Capacity	3	6
Relative Humidity	0~95% Non Condensing	
Fire Suppression System	Hot Aerosol (Cell & Cabinet)	
Max. Efficiency	98% (PV to AC) 94.5% (BAT to AC)	
Isolation Method	Transformerless	
Working Temperature	-4~131°F	
Noise Emission (dB)	≤30	
Cooling	Natural Cooling	
Altitude (m)	4,000 (>2,000 Derating)	

Note: All data are based on ROYPOW standard test procedures, actual performance may vary according to local conditions.