

Inverter

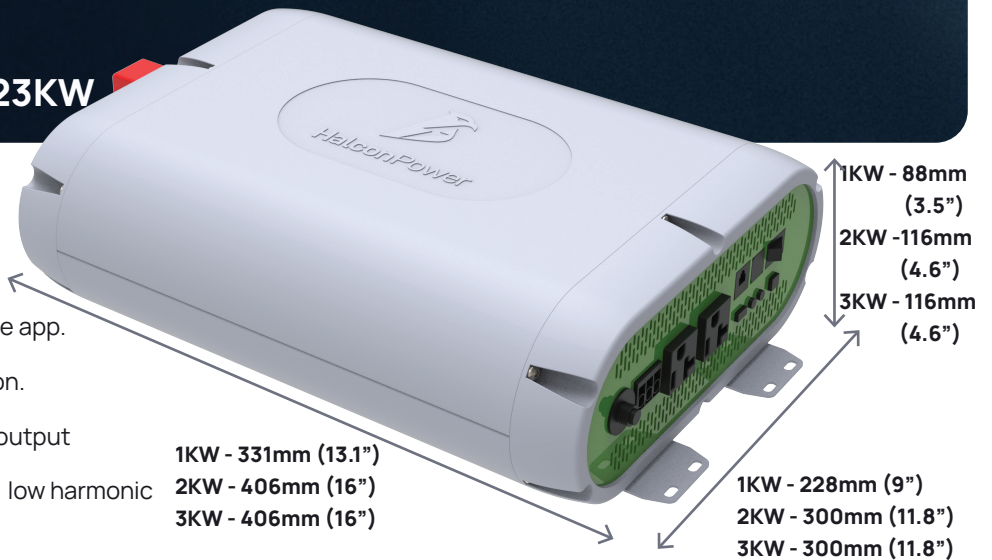
(12V, 1kW / 2kW / 3kW)

HALI121KW, HALI122KW, HALI123KW

This reliable, space-saving inverter comes in three power outputs: 1kW, 2kW, and 3kW

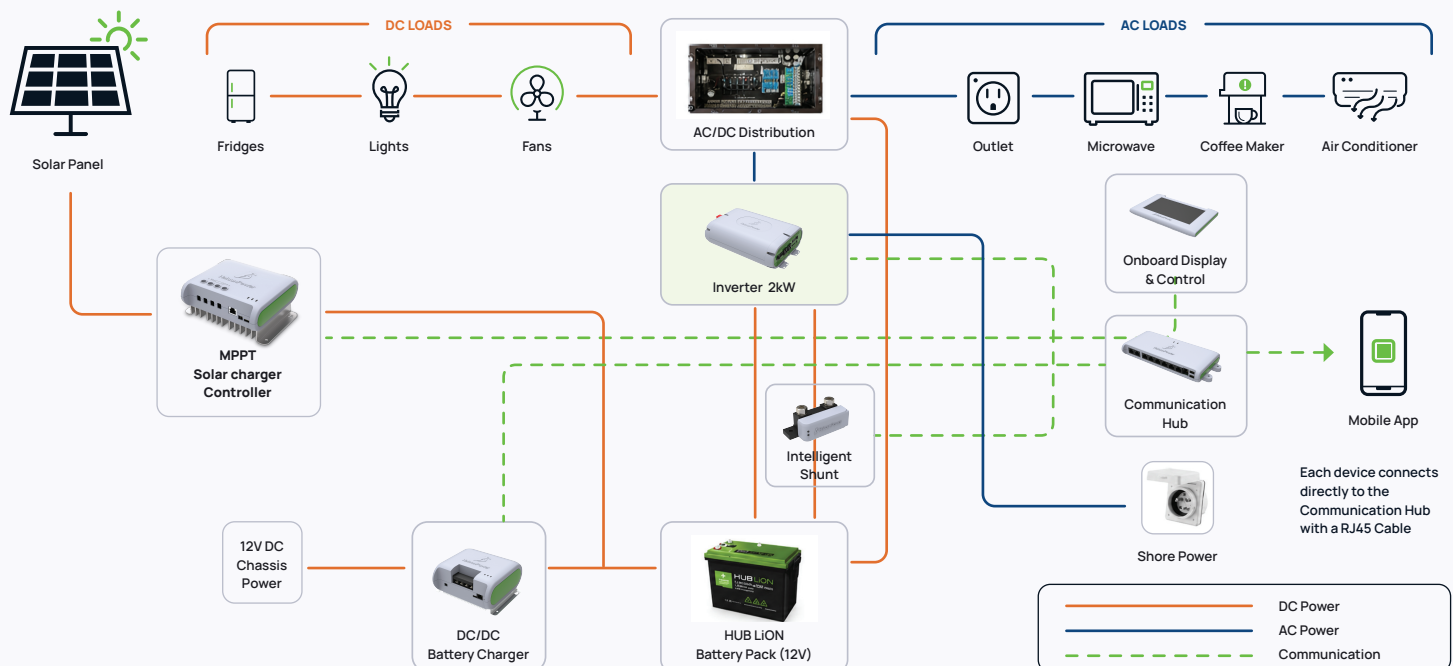
Key Features:

- **Built-in Bluetooth:** Supports Bluetooth via mobile app.
- **Small footprint:** Saves space and easy installation.
- **High Energy Density:** Small size and high power output
- **Quality Power:** High power quality and Efficiency, low harmonic distortion
- **Multiple Protection:** Battery over-volt and over-discharge, output overload, over-temp and short-circuit protection
- **Communication options:** Supports CAN (RV-C).
- **3 year Product Warranty**



System Integration

Every Halcon Power product is designed as part of a fully integrated energy ecosystem, helping simplify implementation and deliver reliable system performance.



Technical Specifications

Specifications	Product Details	Product Details	Product Details
General			
Model	HALI121KW	HALI122KW	HALI123KW
Rated Output Power	1000W	2000W	3000W
Peak Power	2000W	4000W	6000W
Rated Output Voltage	100V / 110V / 115V / 120V	100V / 110V / 115V / 120V	100V / 110V / 115V / 120V
Output Frequency	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz
THD / Power Factor	< 4% (resistive load) / 1	< 4% (resistive load) / 1	< 4% (resistive load) / 1
Rated Output Efficiency	> 87.5%	> 89%	> 90%
Max Output Efficiency	> 91.5% (30% load)	> 92% (30% load)	> 91.5% (30% load)
No-load loss	< 11W (< 3.3W with standby current (OFF))	< 11W (< 3W with standby current (OFF))	< 11W (< 3.1W with standby current (OFF))
Battery & AC Input			
Rated Battery Voltage	12VDC	12VDC	12VDC
Battery Voltage Range	10.8V to 16VDC	10.8V to 16VDC	10.8V to 16VDC
General			
Dimension (L x W x H)	331 x 228 x 88mm (13.1" x 9" x 3.5")	406 x 300 x 116mm (16" x 11.8" x 4.6")	406 x 300 x 116mm (16" x 11.8" x 4.6")
Net Weight	3.2 kg (7.0 lb)	5.3 kg (11.7 lb)	5.3 kg (11.7 lb)
Installation	Wall mount or floor mount	Wall mount or floor mount	Wall mount or floor mount
Warranty	3 years	3 years	3 years
Environmental, Protections, and Communications			
Operating Temperature	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Noise	< =60dB	< =60dB	< =60dB
Cooling Method	Fan	Fan	Fan
IP Protection	IP20	IP20	IP20
Built-in Protections	Battery over-volt, over-discharge, output over-load, over temp, short-circuit	Battery over-volt, over-discharge, output over-load, over temp, short-circuit	Battery over-volt, over-discharge, output over-load, over temp, short-circuit
Communication	RS485, CAN, RV-C, TTL	RS485, CAN, RV-C, TTL	RS485, CAN, RV-C, TTL
Built in GFCI/USB Ports	2 outlets (20A) / 2 ports 5V - 2A	2 outlets (20A) / 2 ports 5V - 2A	2 outlets (20A) / 2 ports 5V - 2A
Other			
Safety	cETLus	cETLus	cETLus