



**THE NEXT GEN INVERTER
WITH INBUILT LITHIUM BATTERY**



HALO
HOME UPS-3000

HALO
HOME UPS-1200



Electricity Saving



Long battery life (10+ Years)



UPS Mode



Ideal for Mixed Loads

HALO UPS
+ LITHIUM BATTERY



BLADE CELL TECHNOLOGY

By utilizing long, thin, flat cells arranged directly within the pack, Blade technology revolutionizes Lithium Iron Phosphate battery design to maximize safety, durability, and energy efficiency.

- Higher energy density
- Longer battery lifespan
- Stable operation under high temperatures
- Excellent thermal stability
- Lightweight & compact design
- Fast-charging capability

Lightweight and Portable Power

What You Can Power :

Inverter Appliances Combinations

Appliances	HALO 1200					HALO 3000				
	Comb1	Comb2	Comb3	Comb4	Comb5	Comb1	Comb2	Comb3	Comb4	Comb5
LED Bulb (7 VA)	-	4	7	7	2	-	4	7	7	8
Tube Light (20 VA)	-	4	4	5	2	-	4	4	5	8
FAN (BLDC) (20 VA)	-	2	2	4	2	-	2	2	4	4
Laptop (50 VA)	1	1	1	2	-	1	1	1	2	3
WiFi Router/Modem (15 VA)	1	-	1	2	-	1	-	1	2	1
Home Theatre (250 VA)	-	-	1	1	-	-	-	1	1	1
DTH (20 VA)	-	-	1	1	-	-	-	1	1	1
TV (32") (100 VA)	-	-	-	1	1	-	-	-	1	1
Mixer Grinder (5-10 min) (500 VA)	-	-	-	-	1	-	-	-	-	1
Inverter Fridge (60 VA)	-	-	-	-	1	-	-	-	-	1
BACKUP TIME (Approx)	10-11 hours	4-5 hours	2-3 hours	1-1.3 hours	1-1.3 hours	22-23 hours	8-9 hours	3-4 hours	2-2.3 hours	1-1.3 hours

(1). The above data is based on standard appliances. Before selecting an inverter, please verify the rated power consumption of your appliances to ensure compatibility (2). Actual load may vary depending on your appliances

Why Choose Lithium Ion Battery Inverter over Lead Acid Inverter Battery?



Normal Inverter + Tubular Battery

 Heavier Batteries

 Immovable

 Occupies Large Area

HALO UPS + LITHIUM BATTERY

 Lightweight

 Compact & Portable

 Occupies Less Space

Criteria	Traditional Lead Acid Battery	Lithium Battery (LiFePO ₄) Inverter
Battery Life	3 - 6 Years	8 -12 Years
Charging Time	10 - 12 Hrs	4.5 - 5 Hrs
Fumes & Acid Spills	Yes	No
Maintenance	Water topping and cleaning of Battery Terminals	Maintenance-Free
Performance	100 Ah Lithium Ferro Phosphate Battery gives same 'Backup Time' and Higher Performance than a 150 Ah Acid Battery	
Electricity Saving	Lithium battery inverters are 60% more efficient than lead acid battery inverters	
Charging Cost	More (1.4X)	Less (X)
Cost Efficiency	Requires replacement after 3-5 years. Less Cost-effective	Cost-effective choice in the long term



Technical Specifications

Model	HALO 1200	HALO 3000
System Rating	1200 VA	3000 VA
Input		
DC Battery Voltage	12 VDC	24 VDC
Rated Voltage	220V	220 V
Input Voltage Range Inverter Mode	90-290 VAC	90-290 V
Input Voltage Range UPS Mode	170-280V	170 V-280V
Frequency	50 Hz	50±3% Hz
Frequency Range	45-55 Hz	45 - 55 Hz
Battery Charging Current	25 A (Default 10A)	15 A (Default 10A)
Transfer time Inverter Mode	≤14ms	≤14ms
Transfer time UPS Mode	≤10ms	≤10ms
Output		
Voltage	220V	215 V
Voltage Regulation	±5 %	±5 %
Frequency	50 ± 1% Hz	50 ± 1% Hz
Waveform	Pure Sine Wave	Pure Sine Wave
Peak Power (Lamp Load)	960W	2400 W
Total Harmonic Distortion (THDv)	≤5 %	≤5 %
Switching Device	MOSFET	MOSFET
System		
Efficiency	≥80%	≥80%
Features	UPS mode, Ideal for mixed loads, LCD display, Pure sine wave output	UPS mode, Ideal for mixed loads, LCD display, Pure sine wave output
Battery	1.28 KWh	2.56 KWh*
Alarms	Short circuit, Over load, Battery low, Over temperature	Short circuit, Over load, Battery low, Over temperature
Cooling	Forced Air	Forced Air
Humidity	20~90% RH @ 0 ~40°C (Non condensing)	20~90% RH @ 0 ~40°C (Non condensing)
Dimensions (W x D x H) mm	320X410X128	320X390X321
Net Weight (Kg)	19.2kg**	40kg**

* Detachable battery pack ** Approximate



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Hykon India Ltd. Corp. Office: KINFRA EMC, Kakkanad, Kochi - 682 039, Kerala, India.. E-mail: ho@hykonindia.com