

Full-Bridge Inverter High Frequency HID Series Elevator Control、Lights、Cooling UPS (720/1440W)

System Introduction

This UPS is suitable for elevator control, lighting, Cooling System when facing utility power outages. With high industrial standard, HID UPS shows strong reliability and availability.



System Feature

High Performance Index

- ◆ MCU digital control HF design
- ◆ High DC-AC conversion rate
- ◆ Intelligent charging control. Adjustable charging current between 2-20A for big batteries
- ◆ Output Modified sinewave
- ◆ Easy Installation
- ◆ LCD Display + LED Indicators
- ◆ Offline Charging Function
- ◆ Input Voltage 220/230/240 Vac
- ◆ High Overload, Overheat, Short-circuit protection
- ◆ Auto restart and recovery function
- ◆ DC Start available. Capable to connect generators

Compatible Loads

HID Series UPS is capable for elevator emergency use. Loads for elevator control, lighting, cooling systems. Also it has high capability to inductive loads.



Specifications

Model	HID 1200	HID 2400
Power	720W	1440W
Host Machine Parameters		
Design Structure	Tower or Rack mounted	
Overall Efficiency	> 95%	
Working Temperature	0-40℃	
Storage Temperature	-25 ~ 60℃ (Without BATs)	
Humidity	<95% Non-Condensing	
Safety Standard	CB7260.2/EN50091-2 Class A, EN62040-1/-2	
Protections	Overload, Short-Circuit, Over Temp., Over/ Low Voltage, BAT Voltage High/Low	
Display	LCD+LED Indicators (AC Mode Green Light, BAT Mode Yellow Light)	
Input Parameters		
Nominal Voltage	220/230/240 Vac	
Input Voltage Range	162-290Vac	
	90-290Vac	
Frequency	50Hz	
Output Parameters		
Output Voltage	220Vac (Battery Mode) ;220Vac±10%(AC Line Mode)	
Output Frequency	50±1Hz	
Output Waveform	Modified Sinewave (Battery mode)	
Transfer Time	>12ms	
Efficiency (DC to AC)	>80%	
Battery Parameters		
Battery Type	12Vdc	24Vdc
Nominal Voltage	13.7Vdc	27.4Vdc
Charging Current	10-20A Adjustable	
Alarm Parameters		
Alarm	Low Voltage (BAT Mode) beeps once every 2 seconds;Overload Beeps twice every 1 second;Fault Continuous Beeping	
Physical Parameters		
Size mm(W×D×H)	310×275×130	
Net Weight Kg	3.5	3.7

Note:Specification are subject to change without further notice.