

LIFT SAFETY SYSTEMS

UPS (ARD)



APPLICABLE FIELD

Designed to back up power to the existing VVVF-controlled lift system of customers for bringing the lift to the nearest floor and opening the lift door during mains power failure.

PRODUCT FEATURES

- Enhance passenger safety
- Powered by sealed lead acid maintenance free battery
- Reliable microprocessor control
- Full sine wave technology
- Window software for remote monitoring
- RS 232 interfaces (blue tooth communication)
- Easy and time-saving installation and maintenance
- Temperature compensation



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Marstech UPS1560 can supply back up power to any kind of existing VVVF-controlled lift system. UPS1560 can be easily installed; it is powered by sealed lead acid maintenance free batteries.

Model	UPS 1560-2L	UPS1560-400SP
Nominal Battery / Input Voltage	DC 48V	DC 48V
Nominal Battery Current	DC 5 - 20A	DC 5 - 10A
Battery Capacity	18AH	18AH
Output	3 phase 4 wires	Single phase
Output Power	< 2000VA	< 400VA
Output Voltage	415V ac±5%	220V ac±5%
Output Frequency	50Hz±1%	50Hz±1%
Output Voltage Waveform	Qusi Sinusoidal Waveform	Qusi Sinusoidal Waveform
Output Motor Power	15KW as below	8 KW as below
Recommended Motor Speed	<5Hz	<5Hz
Battery Charger		
Input Voltage	240Vac±5% (50Hz±1%)	
Charging Current	2.0A Max	
Boost Voltage	59.00V Max	
Nominal Floating Voltage	53.60V	
Temperature Compensation	-75mV/C	
Safety Alarm		
Battery Voltage Low	42.40V	
Over-Heat of Inverter	>65C temperature rise	
Over-load	>120% Rated Output Power	
Time Delay for Detecting Mains Power Failure	0 - 60 Seconds	
Self-test and Take-over Time	10 Seconds	
Starting Time for Output Power Limit	2 Seconds	
Emergency Mode Time-out	4.0 Mins	
Dimension (L x W x H)mm	430 x 230 x 900	430 x 230 x 900
Weight (kg)	Approx. 43 w/o battery	Approx. 32 w/o battery