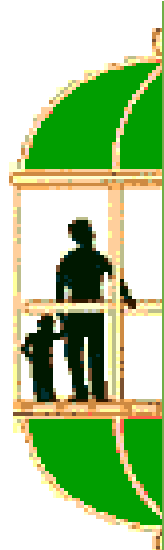*Marstech*®

ARD

MR Model

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

Features:

- Enhance passenger safety

- Powered by sealed lead acid or spiral cell battery

- Reliable microprocessor control

- Qusi-sine wave technology

- Window software for remote Monitoring system

- Panel voltmeter and ammeter are only available

- Mostly used in HDB projects

- Simple, time saving for installation and maintenance

- Temperature compensation

ARD 1560 MR series can supply back up power to any kind of existing VVVF-controlled lift system with simple installation; it is powered by sealed lead acid maintenance free or spiral cell batteries.

Technical Specifications:

Model	1560-2L-XJP	1560-3L-XJP
Nominal Battery / Input Voltage	DC 48V	DC 48V
Nominal Battery Current	DC 5 - 20A	DC 5 - 40A
Battery Capacity	12V 100W	12V 100W
Output	3 phase 4 wires	3 phase 4 wires
Output Power	< 2000VA	< 3000VA
Output Voltage	415Vac±5%	415Vac±5%
Output Frequency	50Hz±1%	50Hz±1%
Output Voltage Waveform	Qusi-Sinusoidal Waveform	Qusi-Sinusoidal Waveform
Output Motor Power	20KW and below	30KW and below
Recommended Motor Speed	<5Hz	<5Hz
Battery Charger		
Input Voltage	240Vac±5% (50Hz±1%)	
Charging Current	3.0A Max	
Boost Voltage	57.60V Max	
Nominal Floating Voltage	53.20V	
Temperature Compensation	-75mV/°C	
Safety Alarm		
Battery Voltage Low	42.40V	
Over-Heat of Inverter	>65°C 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 260 x 900	430 x 260 x 900
Weight (kg)	Approx. 47 w/o battery	Approx. 50 w/o battery
Standard	IEC 62040-1	IEC 62040-1