

DAIREN

ARD

Automatic Rescue Device

To supply 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.



Features:

- Enhance passenger safety
- Powered by sealed lead acid & spiral cell battery
- Reliable microprocessor control
- Full sine wave technology
- Window software for remote monitoring
- Panel voltmeter and ammeter is available for motor room model
- Widely used in HDB projects
- Easy and time saving installation and maintenance
- Temperature compensation



ARD 1548 series can supply back up power to any kind of existing VVVF-controlled lift system. ARD 1548 series can be easily installed; it is powered by sealed lead acid maintenance free and spiral cell batteries.

Technical Specifications:

Model	ARD 1548-3L	ARD1548-500SP
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	< 3000VA	< 500VA
Output Voltage	415V ac±5%	220V ac±5%
Output Frequency	50Hz±1%	50Hz±1%
Output Voltage Waveform	Quasi Sinusoidal Waveform	Quasi 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	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	>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
Standard	IEC 62040-1	IEC 62040-1

DAIREN Components & Equipment Pte Ltd

Block 3007 Ubi Road 1 #06-438

Singapore 408701

Tel No: (65) 68485980

e mail : alfred_tankk@singnet.com.sg