

Advantages of SR POWER

- Almost Independent of lift controllers.
- Lesser wires are inter-connecting from controller to ARD.
- No need of Separate emergency lights in the elevator car. ARD will provide car light.
- Built in Voice Annunciator to avoid panic situations.
- Door Type cabinet for easy access inside the ARD for troubleshooting.
- Can be connected to single / 3 phase sites.
- IGBT based charging for longer battery life.
- Digital Signal processing for constant pure sine wave output.
- IGBT Technology for higher reliability of ARD.

Applications of SR POWER

MRL | Gearless | Geared and Hydraulic Motors

Specification of SR POWER

Model	ARD - 2PH	ARD - 1PH	ARD - 3PH
Rating	Available for Motors 5 to 20HP	Available for Motors 5 to 10HP	Available for Motors 5 to 50HP
AC Input	415±8% 3Phase	220±8% 1Phase	415±1% 3Phase
Frequency	50Hz±1Hz	50Hz±1Hz	50Hz±1Hz
DC Bus	48V to 72 V	24V to 72 V	72V to 240 V
Charging Time	10 to 12 Hrs for full capacity	10 to 12 Hrs for full capacity	10 to 12 Hrs for full capacity
Charger Type	Conventional	DSP	IGBT
Technology	MOSFET PWM	Micro Controller PWM	IGBT PWM
Output Voltage	460 AC - 2PH	230 AC - 1PH	415AC - 3PH
Wave Form	Square /Sine Wave	Sine Wave	Sine Wave
Harmonic Distortion	Less then 3% on Linear Load	Less then 3% on Linear Load	Less then 3% on Linear Load
Efficiency	>90%	>90%	>90%
Power Factor	0.8	0.8	0.8
Crest Factor	3:1	3:1	3:1
Phase Displacement			120° +1°
Audible Noise	Less than 50dB at 1Mtr	Less than 50dB at 1Mtr	Less than 50dB at 1Mtr

GENERAL SPECIFICATIONS

Dimensions (L x W x H) mm without batteries

ARD - 2PH: 410mm x 230mm x 440mm
 ARD - 1PH: 230mm x 410mm x 370mm
 ARD - 3PH: 350mm x 650mm x 750mm

Operating Temperature

0° to 50° for all models

Humidity:

Max 95% non condensing for all models

PROTECTIONS

- Auto shutoff facility available for all models and capacities
- Output Overload & short Circuit, Output, under & over Voltage Battery low

INDICATIONS

Mains on : Available on all models
 ARD on : Available on all models
 Battery low : Available on all models
 Floor : Available on all models
 Over load : Available on all models

CHANGE OVER:

Automatic on all models
 Change Over Delay
 ARD 2PH : 12 Seconds
 ARD 1PH : 4milli seconds
 * ARD 3PH : 12 Seconds



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