

Automatic Rescue Device ARD

● Specification

- Advanced DC Boost and Full-bridge inverter circuit technology, high conversion efficiency, low self-loss, long automatic rescue time.
- All modular design, battery removable, customer can select their own battery, easy and convenient.
- Intelligent battery charge/discharge management technology, long battery lift time.
- 2 Automatic Rescue output voltage, easy for customer selection.



● Model description

ARD 2 S 15 A

Model Series

Output voltage	
4	380V
2	220V

Output Type	
T	3-phase
S	single phase

A	Normal
B	Enhanced
N	No Battery

Motor Power	
03	3.7kW and below
15	15kW and below
30	30kW and below
37	37kW and below

Model (A: Normal Type B: Enhanced Type N: No Batteries Type)	ARD2S03	ARD2S05	ARD2S15	ARD2S30	ARD2S37	
	ARD4S03	ARD4S05	ARD4S15	ARD4S30	ARD4S37	
Maximum Adaptable Machine Power(kW)	<=3.7kW	<=5.5kW	<=15kW	<=30kW	<=37kW	
Maximum Adaptable Elevator Load (A Type)	<450KG	<1150KG	<1150KG	<1150KG	<1600KG	
Maximum Adaptable Elevator Load (B Type)	<630KG	<1350KG	<1350KG	<1350KG	<2000KG	
Output	Rated Output Voltage(V)					
	AC220V,50/60Hz					
	AC380V,50/60HZ					
	Rated Output Capacity(kVA)	0.3/0.4	0.6/0.7	0.6/0.7	0.6/0.7	1.3/1.5
	Output Current (Net-side Isolated Contactor) (A)	18	18	32	60	80
Input	Net Voltage	3-ph AC 340~420V				
	Net Frequency	50/60Hz				
Battery Characteristics	Battery Type	Rechargeable Sealed Lead-Acid Battery				
	Rated Voltage	DC24V(12V×2)	DC36V(12V×3)	DC36V(12V×3)	DC36V(12V×3)	DC72V(12V×6)
	Rated Capacity (A Type)	7AH×2	7AH×3	7AH×3	7AH×3	7AH×6
	Rated Capacity (B Type)	9AH×2	9AH×3	9AH×3	9AH×3	9AH×6
Control Features	Recommended Elevator Rescue Speed	1/12 Elevator rated running speed				
	Single Running Duration	5min				
	Output Voltage Wave	Sine Wave				
	Efficiency	>90%				
Ambience	Cooling Mode	Free cooling / Forced air-cooling				
	Protection Class	IP20				
	Ambient Temperature & Humidity	Ambient humidity below 90%RH (No dewing) -15~40°C, well ventilated				
	Vibration Degree	>1G below 20Hz				