

Snga ARD-2 Single Phase

Snga New Type ARD-2 can automatically supply single phase industrial frequency power supply and power failure emergency work signal to the elevator varied frequency control system when there's power failure in order to prevent the physical and metal harm to the trapped passengers, it supports the elevator to stop at the nearest floor to rescue the trapped passengers, and can automatically close the elevator door after receiving the signal of completing emergency rescue as the elevator power failure emergency fully automatic rescue plan with highest cost performance, and is the people-oriented product to improve the life quality of the public.

申嘉开发的新型ARD-2在电梯停电时，为避免被困乘客身体和心理伤害，自动向电梯变频控制系统提供单相工作电源及停电应急运行信号、支持电梯低速就近平层解救、被困乘客，并能在收到应急救援运行完成信号后自动关闭，是一种最优性价比的电梯停电应急全自动救援方案，是一种提高大众生活品质的人性化产品。

Features of ARD-2 ARD-2特色

- 1

it is designed with smart microprocessor,and can immediately detect the power supply of the elevator and safely descend the elevator and reach to floor under any emergency.
智能型微处理器设计，在任何紧急情况发生时，立即启动电梯电力检测及安全平层操作。
- 2

It adopts V3F technology to adapt the variable voltage and frequency, reliably supply power to the elevator.
V3F 技术能适应可变电压及可变频率，可靠地供应电力给电梯。
- 3

It is designed with compound control circuit.
复合控制电路设计。
- 4

It is equipped with stainless steel button, high sensitivity, the across current is large and resistance is small.
不锈钢按钮，灵敏度高，通过电流大，接触电阻小。
- 5

Working status indicator.
工作状态指示灯提示。
- 6

Auxiliary 220V control power design.
辅助220V控制电源设计。



Technical Parameters 技术参数

Model 参数	SNGA-2P220	SNGA-2P185	SNGA-2P150	SNGA-2P110	SNGA-2P75	SNGA-2P55
Power 功率	22KW	18.5KW	15KW	11KW	7.5KW	5.5KW
Input 输入	Three Phase 三相 AC380 ±10% 50HZ/60HZ			Single Phase 单相 AC220 ±7% 50Hz/60Hz		
Output 输出	Single Phase 单相 AC380 ±10% 50Hz/60Hz			Single Phase 单相 AC220 ±7% 50Hz/60Hz		
Battery 电池	Lead-acid Battery or Lithium Battery 铅酸电池或锂电池					

申嘉 ARD-2 单相

Features of ARD ARD特点



ARD-2 adopts ring transformer as the industrial frequency inverter boosting key component which features high inversion efficiency and can save accumulator energy Since the diameter and height of the ring transformer can be designed flexibly, the overall structure of the product is compact with high performance in safety.



ARD-2 is capable of providing AC380V and AC220V power supply simultaneously, and is applicable to the elevator door-motor or the occasions that brake power supply is directly from phase voltage instead of controlling the transformer output.



ARD-2 adopts imported low voltage and high current MOSFET to form the full bridge inverter switching circuit in serial connection and features strong overload capacity, and is capable of controlling the current impact from power on of the transformer, contactor snap, brake open and traction machine start in the elevator control cabinet.



High voltage stabilizing performance ARD-2 adopts innovative inside digital constant voltage control algorithm to ensure it to completely utilize the remaining energy in the accumulator to stabilize the output power when accumulator energy is consumed quickly, thus ensuring the smooth rescue process.



It adopts maintenance free lead-acid accumulator to relieve the daily maintenance work, combining the elaborate accumulator charging circuit, ARD-2 is capable of prolonging the service life of the accumulator to the max.

ARD-2在业界率先采用环形变压器作为逆变升压关键部件，转换效率高，节省蓄电池能量，同时由于环形变压器直径、高度可以灵活设计，使得产品整体结构更加合理、安全性高。

ARD-2可以同时提供AC380V及AC220V电源，适用于门机或抱闸电源直接取自相电压而不是控制变压器输出的场合。

ARD-2采用进口低压大电流MOSFET多只并联的方式构成全桥逆变开关电路，过载能力强，能够承受电梯控制柜中控制变压器得电、接触器吸合、抱闸打开、曳引机启动等带来的电流冲击。

稳压性能强。ARD-2具有创新性的内部数字恒压控制方法，保证其在运行时蓄电池储能快速消耗过程中，能够充分利用蓄电池剩余储能稳定输出电压，保证救援过程的顺利完成。

采用免维护铅酸蓄电池，减轻用户的日常维护工作，配以ARD-2精心设计的蓄电池充电电路，最大限度地延长蓄电池使用寿命。