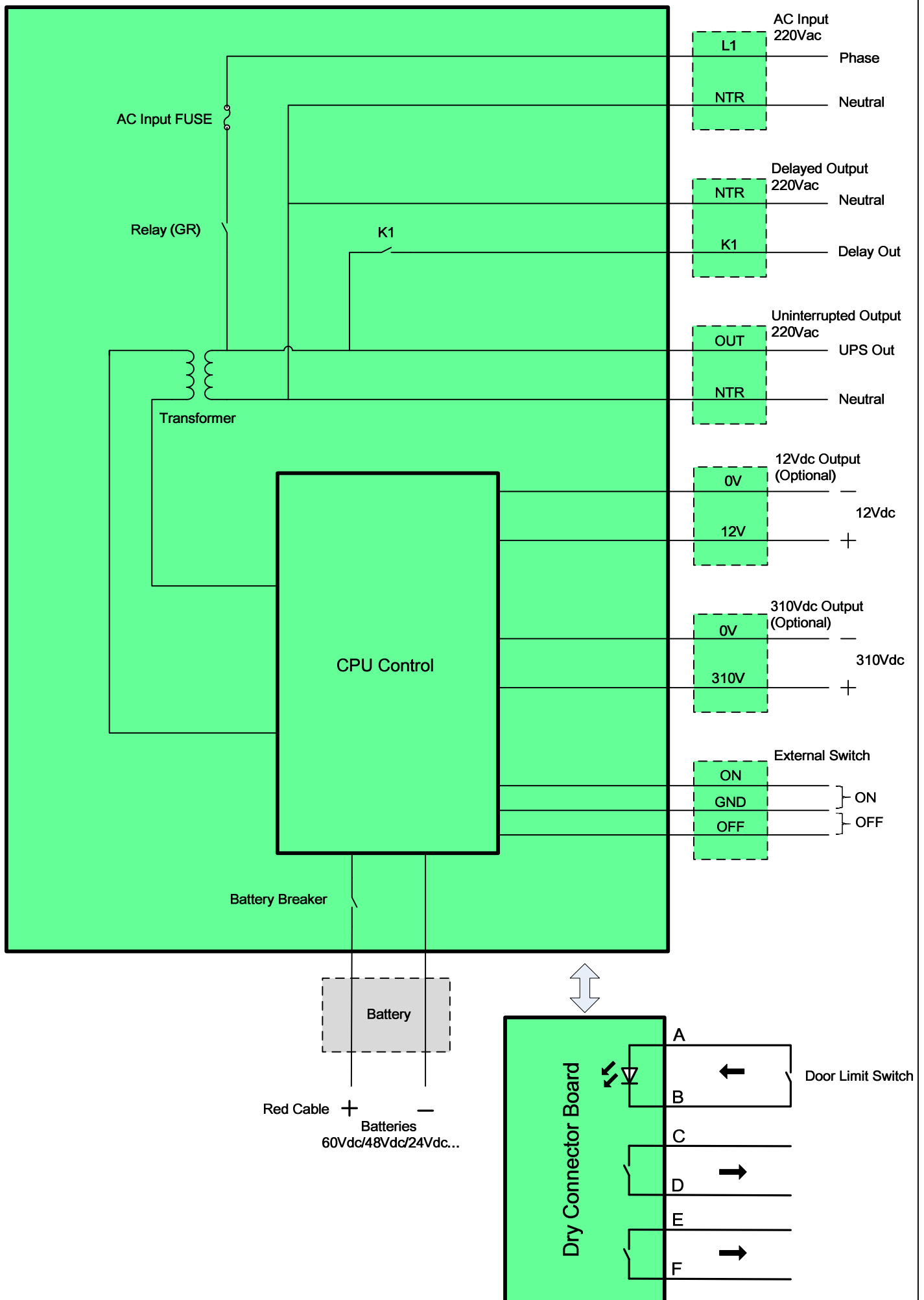


Elevator Automatic Rescue Device (ARD) / UPS



Model	AoKu ARD-1000VA	AoKu ARD-1500VA	AoKu ARD-2000VA
Input			
AC Voltage	220Vac Single Phase + GND 50/60Hz (Range: 145~275Vac)		
DC Voltage	60Vdc (Optional: 48Vdc, 72Vdc, 96Vdc, 120Vdc)		
DC, AC Start	Yes		
Output			
AC Output Voltage:	220Vac, 50Hz / 60Hz		
AC Output Wave Form	Pure Sine wave (Mains); Pure Sine Wave (Battery)		
K1 Delayed Output	220Vac, 5S (Jumper 13 - 14 On Control PCB No. BINV-CON) 220Vac, 10s (Jumper 5 - 6 On Control PCB No. BINV-CON) 220Vac, 20s (Jumper 3 - 4 On Control PCB No. BINV-CON)		
Transfer time	< 10 ms		
DC Output 1 (Optional)	12Vdc (For the Telecom)		
DC Output 2 (Optional)	310Vdc (For Inverter control Circuit such as Yaskawa L1000A CN19.)		
Battery			
Battery Type	Sealed Maintenance Free Lead Acid Battery		
Charging	60Vdc (48Vdc, 72Vdc, 96Vdc, 120Vdc depends on the model)		
DC Configuration	60V = 5 x 12V (48V=4x12V, 72V=6x12V, 96V=8x12V, 120V=10x12V)		
Recharge	≥ 90% Capacity after 8 Hours		
Backup time	Depend on Battery capacity Automatic Off after 5 Minutes in Evacuation Mode		
Other Feathers			
Transformer	Yes		
Noise	< 45 db (1m)		
Temperature	0~45 °C		
Humidity	20 % ~ 90% (Non-Condensing)		
Dimensions	147 x 170 x 178 (mm, L x W x H)		

Remarks: Specifications are subject to change without notice.



A-B: Input Stop Signal – Output Emergency Power stop
(When input AC power failure, Door full open, Door Limit Switch connects, ARD Power Stop)

C-D: Output Signal – When input AC power failure, Output connect

E-F: Output Signal – When input AC power failure, Output connect