



Dimensions:121(D)x110(H)x65(W)mm

Features:

- Dry contact alarm signal
- High temperature protection
- Convection cooled
- RoHS compliance
- 3 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Over voltage protection
- Overload protection
- Short circuit protection
- Reverse polarity protection

General Specifications

INPUT

Input voltage.....100~240VAC/120~370VDC
 Input frequency47~63Hz
 Inrush current22A/115VAC
 (Cold start) 44A/230VAC

EMC STANDARDS

EN 55011	Class A
EN 55022	Class A
EN 61000-4-2	Level 3
EN 61000-4-3	Level 3
EN 61000-4-4	Level 3
EN 61000-4-5	Level 3
EN 61000-4-6	Level 3
EN 61000-4-8	Level 3
EN 61000-4-11	Level 3

ENVIRONMENTAL

Operating temperature: -30°C ~ 50°C ambient, derating each output at 2.5% per degree from 50°C to 70°C
 Operating humidity: Non-condensing, 5% ~ 95%RH.
 Vibration: Random vibration, 10Hz ~ 100Hz, 3axis.
 MTBF: 60,000hrs Min. Per MIL-HDBK-217F, 25°C GB.

OUTPUT

Hold-up time (Full load@230VAC).....20mS Min.
 Temp. Coefficient±0.04% / °C
 Over voltage protectionAutorecovery
 Overload protection Power limited
 Short circuit protection..... Autorecovery
 Transient response. .. (Load change 50% to 100%)
 Voltage deviation5%
 Recovery time2mS

SAFETY STANDARDS



EN 60950 (Meet)



UL 508 (Meet)
 CSA 22.2 (Meet)

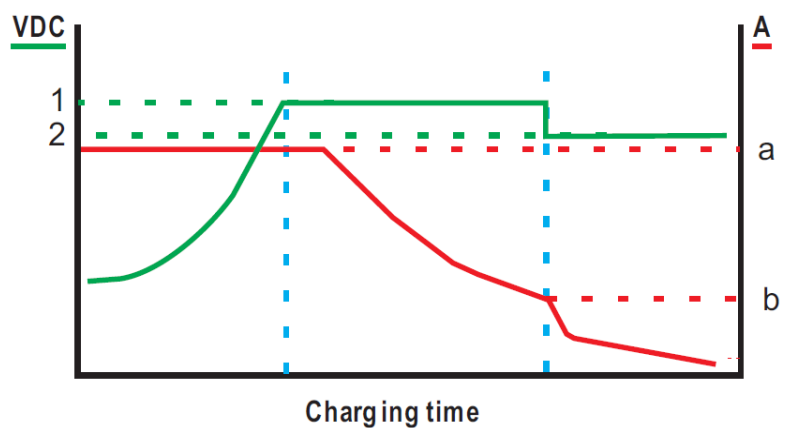
Output Specifications

Model	Charging voltage Float	Charging current (A)	Line Reg.	Load Reg.	Efficiency	Over voltage Protection
AD1072C-12FR	13.8VDC	6.0A Max.	±1%	±1%	81%	18~22VDC
AD1072C-24FR	27.6VDC	3.0A Max.	±1%	±1%	82%	33~37VDC

- NOTE:**
1. Line regulation is measured from low line to high line at rated load.
 2. Load regulation is measured from 20% to 100% of rated load at 230VAC input.
 3. Efficiency is measured at rated load and 230VAC input.

Charging Curve

Code	Type	Type	
		12V	24V
a (A)		6.0	3.0
b (A)		0.6	0.6
1 (VDC)		14.7	29.4
2 (VDC)		13.8	27.6



Mechanical Details

Case No.: AD072
Dimensions: 121(D)x110(H)x56(W)mm

