

# iNORÉA

Automatismes & Industrie



## TECHNICAL SPECIFICATION SHEET

### MODULAR POWER SUPPLY – ALM 06024

iNORÉA Automation & Industry  
9 rue du Lugan  
33130 BEGLES  
[contact@inorea.com](mailto:contact@inorea.com)  
[www.inorea.com](http://www.inorea.com)

## 1. Description

- Output 24V 60W
- Input 170-265VAC
- On Din rail TS-35/7.5 or 15
- CE (EMC LVD), RoHS
- Class II power unit
- 3 years warranty
- 220 → 24VDC
- Isolation Class II
- Withstand Voltage I/P-O/P: 3kVAC
- Protection: Short circuit, Overload, Over voltage
- Cooling by free air convection
- LED indicator for power on

## 2. Features

Model		ALM_06012	ALM_06024
Output	DC Voltage	12 V	24V
	Rated Current	5A	2.5A
	Current Range	0-5A	0-2.5A
	Rated Power	60W	60W
	Ripple & Noise	120 mVp-p	150 mVp-p
	Voltage Adj. Range	10.8-13.6V	21.6-29.0V
	Hold Up Time	100ms/230VAC	
	Set up, Rise time	500ms, 20ms / 230VAC	
Input	Voltage Range	170-265 VAC 47-63Hz	
	Efficiency	85%	86%
	Ac Current	0.5A/230VAC	
	Inrush Current	Cold Start <40A at 230VAC	
Protection	Over Current	110-160% rated output power	
	Protection Type	Constant current limiting, recovers automatically after fault condition is removed	
	Over Voltage	Hiccup mode, recovers automatically after fault condition is removed	
Environment	Working Temp & Humidity	-20-60° C	20-90% RH
	Storage Temp & Humidity	-40-80°C	10-90%RH
Safety & EMC	Safety Standards	Design refer to: EN60950	
	Withstand Voltage	I/P-O/P: 3KVAC	
	Isolation Resistance	I/P-O/P :>100M Ohms / 500 VDC	
	EMC Emission	Compliance to EN55022, EN61000-3-2,	
	EMC Immunity	Compliance to EN55024, EN61000-3-3,	
Others	Dimension	78*93*56mm (W*H*D)	
	Packing	0.27kg/pcs 50pcs/14.5kg/ctn	

### 3. Diagram

