

**LIYE** Green power solutions provider  
绿色电源解决方案提供商



# Technical Specification Sheet

## 技术规格表

名称 Name	JR系列功率调节器 JR Series Power Regulators	
型号规格 Model & Specification	JR10	JR30
适用负载 Applicable Load	阻性、感性 Inductive and resistive	
主回路极数 Number of Main Loop Poles	1P	3P
极数 Number of poles	JR10 (1P, 单相) JR10 (1P, single-phase)	JR30 (3P, 三相) JR30 (3P, Three-phase)
额定电流 (AC) Rated Current (AC)	10、25、40A	10、25、40、75、100、150、200A
主回路电源 (AC) Main Loop Power (AC)	电压: 110 ~ 440V, 频率: 45 ~ 65Hz Voltage: 110 ~ 440V, Frequency: 45 ~ 65Hz	
控制电源 (DC) Control Power (AC)	24V/1A	
触发方式 Trigger Mode	移相、过零 Phase shift, zero passage	
移相控制方式 Phase Shift Control Mode	U,I,P,a	
过零控制方式 Zero Passage Control Mode	定周期、变周期 Fixed period and variable period	
模拟量输入 (2路) Analog Input (2 Channels)	1路 0 (或4) ~ 20mA可设置 1 channel, 0 (or 4) ~20mA Can be set	
	1路 0 (或1) ~ 5 (或10) V可设置 1 channel, 0 (or 1)-5 (or 10) V Can be set	
数字量输入 Digital Input	2路 (无源触点) 2 channels (passive contact)	
数字量输出 Digital Output	1路 (无源触点, 3A30VDC/3A250VAC) 1 channels (passive contact, 3A 30VDC /3A250VAC)	
CPU	32位DSP 32-bit DSP	
AD采集精度 AD Acquisition Accuracy	12位 12 bits	

电量信号采集 Electric Quantity Signal Acquisition	真有效值检测, 具有有功功率显示 True RMS detection, with active power display
稳定精度 Stabilization Accuracy	≤0.5%
触发分辨率 Trigger resolution	≤0.01%
显示界面语言 Display Interface Language	中文/英文 Chinese/English
显示屏 Display Screen	0.96寸彩色液晶显示, 实时显示输入/输出电压、 电流、功率、给定值、控制方式及故障信息 0.96" color LCD display real-time display of input/output voltage, current, power, specified rate, control mode and fault information
操作按键 Operation Key	6位按键, 具备键盘启停、键盘手/自动切换等操作 6-bit keys, with keyboard start/stop, keyboard manual/automatic switching and other operations
保护功能 Protection Function	电源断相、频率故障、过电流、散热器过热、 晶闸管故障、风机故障、过电压、负载不平衡等, 部分故障可设置为轻故障报警 (只报警不停机或关闭功能) Power supply phase failure, frequency failure, overcurrent, radiator overheating, thyristor failure, fan failure, overvoltage, load unbalance, etc. Partial faults can be set as light fault alarms (alarm only without stopping or shutting down the function)
通讯 (标配) Communication (Standard Configuration)	MODBUS-RTU (RS485)
选配 Optional Configuration	联机功率分配 on-line power distribution

### characteristic

## 特点

精致、小巧、可导轨式安装,  
Delicate, Compact,  
Can guide rail type installation

