

Technical parameter

Type		Technical indicators					
Output	DC voltage	5V	12V	18V	24V	36V	48V
	Rated current	50A	29A	19.4A	14.5A	10A	7.5A
	Rated power	250W	350W	350W	350W	360W	360W
	Ripple and noise ①	<150mV	<150mV	<150mV	<150mV	<240mV	<240mV
	Voltage regulation range	±10%					
	Voltage accuracy	±2.0%	±1.0%				
	Linear adjustment rate	<±0.5%					
	Load adjustment rate	<±1.5%	<±1.2%	<±1.2%	<±1%	<±0.5%	<±0.5%
Input	Voltage range/frequency	90-132VAC/180-264VAC 47Hz~63Hz 254VDC~370VDC					
	Efficiency (typical) ②	>74%	>82%	>82%	>84%	>86%	>86%
	Operating current	<5.2A 110VAC <2.8A 220VAC					
	Impulse current	110VAC 25A 220VAC 50A					
	Start up time	200ms、50ms、20ms: 220VAC					
	Leakage current	<1mA 240VAC					
Protection characteristics	Overload protection	≥ 105% - 150% Type: constant current output+VO drops to undervoltage point Cut off output reset: power on again					
	Over/under voltage protection	≥115%-135%VOOUT ≤10%-45%VOOUT					
	Over temperature protection/short circuit protection	RTH3: ≥ 65 °C fan starts, ≤ 55 °C fan closes, ≥ 80 °C fan closes output (5V)/+VO drops to undervoltage point and closes output					
Environment	Operating temperature、humidity	-10°C~+50°C; 20%~90RH					
	Storage temperature、humidity	-20°C~+85°C; 10%~95RH					
Security	Withstand voltage	Input - output : 1.5KVAC input - case : 1.5KVAC output - case: 0.5KVAC duration :1 minute					
	Leakage current	Input - output 1.5KVAC < 5mA					
	Isolation resistor	Input - output and input - shell, output - shell: 500 VDC / 100 mΩ					
Other	Size	215*114*50mm(L*W*H)					
	Net weight/gross weight	874.1g/936.3g					
Remarks	①Ripple and noise measurement method: use a 12 twisted pair, and connect 0.1uF and 47uF capacitors in parallel at the terminal, and measure at 20MHz bandwidth. ② The efficiency is tested at the input voltage of 230VAC, rated load and ambient temperature of 25 °C. Precision: including setting error, linear adjustment rate and load adjustment rate. Test method of linear regulation: test from low voltage to high voltage under rated load. Load adjustment rate test method: from 0% to 100% of rated load. The starting time is measured under the cold start state. Fast and frequent startup and shutdown may increase the starting time. When the operating altitude is higher than 2000 meters, the operating ambient temperature needs to be reduced by 5 °C/1000 meters.						