

Type		QYR-100-12	QYR-100-15	QYR-100-24	QYR-100-36	QYR-100-48
output characteristic	DC output	12V	15V	24V	36V	48V
	Rated current	7.5A	6.5A	4.2A	2.7A	2.1A
	Current range	0-7.5A	0-6.5A	0-4.2A	0-2.7A	0-2.1A
	rated power	90W	97W	100W	100W	100W
	Ripple&Noise (maximum)	150mVp-p	150mVp-p	200mVp-p	220mVp-p	240mVp-p
	Voltage adjustment range	10.9-13.2V	13.6-16.5V	21.8-26.4V	32.7-39.6V	43.6-52.8V
	Voltage accuracy	±1%	±1%	±1%	±1%	±1%
	Line Regulation	±1%	±1%	±1%	±1%	±1%
	Load Regulation	±1%	±1%	±1%	±1%	±1%
	Start&Rise Time	2000mS, 30mS/115VAC(the full load) ; 1000mS, 30mS/230VAC				
	retention time	30mS/230VAC(the full load) 10mS/115VAC(the full load)				
Input characteristics	input voltage	85-264VAC 120-370VDC				
	input frequency	47-63Hz				
	efficiency	87%	87%	88%	88%	88%
	Input Current	3A/115VAC 1.6/230VAC				
	Power factor	0.65/230VAC(the full load)				
	surge current	70A/230VAC (cold start)				
	Leakage current					
Protective characteristics	overload protection	Rated power110%-150%				
		Protection mode: Hiccup protection, automatically restored after abnormal conditions are removed				
	Overcurrent protection	110% -150% of rated current				
		Protection mode: Hiccup protection, automatically restored after abnormal conditions are removed				
Short circuit protection	Short circuit between positive and negative poles at the output end					
	Protection mode: Hiccup protection, automatically restored after abnormal conditions are removed					
Environmental	operation temperature	-30 °C~70 °C (refer to the derating curve)				
	Working humidity	20~90%RH No condensation				
	Storage temperature/humidity	-40°C~85°C 10~95%RH, No condensation				
	Anti vibration	10~500HZ. 5G 10 minutes/cycle. X, Y, Z each 60 minutes				
Safety and electromagnetic compatibility	pressurization	Input to output: 800VAC				
	Insulation impedance	Input to output: 100M Ohms/500VDC/25 °C/70% RH				
	Electromagnetic compatibility emission					
	Electromagnetic compatibility immunity					
	pressurization					
	Product size	70*90*54.5mm (W*H*D)				
	package	0.25kg/pcs				
notes	<p>1. All parameters, unless otherwise specified, are measured at 230VAC voltage input, rated load, and 25 °C conditions.</p> <p>2. Ripple and noise voltage are applied at the end of a 12 inch twisted pair oscilloscope with a bandwidth of 20MHZ and an additional 0.1 μ And 47 μ The capacitance is measured at a bandwidth of 20MHZ.</p> <p>3. Accuracy: including setting error, linear adjustment rate, and load adjustment rate.</p> <p>4. In the case of low input voltage, it is necessary to derate the output. Please refer to the static characteristic curve for details.</p> <p>5. The startup time is measured during cold start, and frequent switching on and off may increase the startup time.</p>					