查询QP-150供应商



150W Quad Output with PFC Function

QP-150 series



Features:

- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- Protections:Short circuit/Over load/Over voltage
- · Forced air cooling by built-in DC fan
- CH4:±Polarity is selectable
- Fixed switching frequency at 100KHz(Optional)
- 3 years warranty



SPECIFICATION

MODEL		QP-150-3A				QP-150-	3B			QP-150-3C				
	OUTPUT NUMBER	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	
ОИТРИТ	DC VOLTAGE	5V	3.3V	12V	-5V	5V	3.3V	12V	-12V	5V	3.3V	15V	-15V	
	RATED CURRENT	10A	10A	5A	0.6A	10A	10A	5A	0.6A	10A	10A	4A	0.6A	
	CURRENT RANGE	3 ~ 15A	0 ~ 15A	0.4 ~ 5A	0 ~ 1A	3 ~ 15A	0 ~ 15A	0.4 ~ 5A	0~1A	3 ~ 15A	0 ~ 15A	0.4 ~ 5A	0 ~ 1A	
	RATED POWER (max.)	146W				150.2W	-			152W	Dr.			
	RIPPLE & NOISE (max.) Note.2	100mVp-p 100mVp-p 150mVp-p 150mVp			0 150mVp-r	100mVp-	100mVp-	150mVp-	150mVp-	p 100mVp-p 100mVp-p 150mVp-p 150mVr				
	VOLTAGE ADJ. RANGE	CH1: 4.7			4 ~ 3.63V	CH1: 4.7			4 ~ 3.63V	CH1: 4.75 ~ 5.5V CH2: 3.14 ~ 3.63V				
	VOLTAGE TOLERANCE Note.3	±3.0%	±3.0%	±6.0%	±5.0%	±3.0%	±3.0%	±6.0%	±5.0%	±3.0%	±3.0%	+8,-6%	±5.0%	
	LINE REGULATION	±1.0%	±1.0%	±2.0%	±1.0%	±1.0%	±1.0%	±2.0%	±1.0%	±1.0%	±1.0%	±2.0%	±1.0%	
	LOAD REGULATION	±2.0%	±2.0%	±6.0%	±2.0%	±2.0%	±2.0%	±6.0%	±2.0%	±2.0%	±2.0%	±6.0%	±2.0%	
	SETUP, RISE TIME	800ms, 50ms/230VAC 800ms, 50ms/115VAC at full load												
	HOLD TIME (Typ.)	24ms/230VAC 24ms/115VAC at full load												
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC												
	FREQUENCY RANGE	47 ~ 63Hz												
	POWER FACTOR (Typ.)	PF>0.95	PF>0.95/230VAC PF>0.98/115VAC at full load										A.	
	EFFICIENCY (Typ.)	73%												
	AC CURRENT (Typ.)	2.5A/115VAC 1.2A/230VAC												
	INRUSH CURRENT (Typ.)	COLD START ≤40A/230V												
	LEAKAGE CURRENT	<3.5mA / 240VAC												
PROTECTION		105 ~ 150% rated output power												
	OVER LOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed												
		CH1:5.75 ~ 6.75V CH2:3.8 ~ 4.4V												
	OVER VOLTAGE	Protection type : Shut down o/p voltage, re-power on to recover												
		95℃+5℃ (TSW1)												
	OVER TEMPERATURE(OPTION)		Protection type: Shut down o/p voltage, recovers automatically after temperature goes down											
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)												
	WORKING HUMIDITY	20 ~ 90% RH non-condensing												
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH												
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)												
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes												
SAFETY & EMC (Note 4)	SAFETY STANDARDS	UL60950)-1, TUV EI	N60950-1 A	pproved	10-17	(p =							
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC												
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC												
	EMI CONDUCTION & RADIATION													
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3												
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, Light industry level, criteria A												
OTHERS	MTBF	141.5K hrs min. MIL-HDBK-217F (25°C)												
	DIMENSION	199*99*	50mm (L*W	/*H)	•									
	PACKING	0.93Kg;	20pcs/19.6	Kg/1.28CU	FT									
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NOTE

- 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
- 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
- 3. Tolerance : includes set up tolerance, line regulation and load regulation.
- 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EWC directives.

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150W Quad Output with PFC Function



Features:

- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- · Protections:Short circuit/Over load/Over voltage
- Forced air cooling by built-in DC fan
- CH4:±Polarity is selectable
- Fixed switching frequency at 100KHz(Optional)
- 3 years warranty

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SPECIFICATION

MODEL		QP-150-3	D			QP-150D				QP-150F				
	OUTPUT NUMBER	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4	
ОИТРИТ	DC VOLTAGE	5V	3.3V	24V	-12V	5V	12V	24V	-12V	5V	15V	24V	-15V	
	RATED CURRENT	10A	10A	2.5A	0.6A	10A	4A	2A	0.6A	10A	3A	2A	0.6A	
	CURRENT RANGE	3 ~ 15A	0 ~ 15A	0.3 ~ 3A	0 ~ 1A	3 ~ 15A	0 ~ 5A	0.4 ~ 3A	0 ~ 1A	3 ~ 15A	0 ~ 5A	0.4 ~ 3A	0 ~ 1A	
	RATED POWER (max.)	150.2W	•	•		150.2W		•		152W				
	RIPPLE & NOISE (max.) Note.2	100mVp-p	100mVp-p	150mVp-p	150mVp-p	120mVp-p	150mVp-p	200mVp-p	150mVp-p	120mVp-p 150mVp-p 200mVp-p 150mVp-				
	VOLTAGE ADJ. RANGE	CH1: 4.75	~ 5.5V	CH2: 3.14	- 3.63V	CH1: 4.75	~ 5.5V	CH2: 11.4	~ 13.2V	CH1: 4.75 ~ 5.5V CH2: 14.3 ~ 16.5V				
	VOLTAGE TOLERANCE Note.3	±3.0%	±3.0%	±6.0%	±5.0%	±3.0%	±3.0%	±6.0%	±5.0%	±3.0%	±3.0%	±6.0%	±5.0%	
	LINE REGULATION	±1.0%	±1.0%	±2.0%	±1.0%	±1.0%	±1.0%	±2.0%	±1.0%	±1.0%	±1.0%	±2.0%	±1.0%	
	LOAD REGULATION	±2.0%	±2.0%	±6.0%	±2.0%	±2.0%	±2.0%	±6.0%	±2.0%	±2.0%	±2.0%	±6.0%	±2.0%	
	SETUP, RISE TIME	800ms, 50ms/230VAC 800ms, 50ms/115VAC at full load												
	HOLD TIME (Typ.)	24ms/230VAC 24ms/115VAC at full load												
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC												
	FREQUENCY RANGE	47 ~ 63Hz												
	POWER FACTOR (Typ.)	PF>0.95/230VAC												
	EFFICIENCY (Typ.)	76%	76% 78% 78%											
	AC CURRENT (Typ.)	2.5A/115VAC 1.2A/230VAC												
	INRUSH CURRENT (Typ.)	COLD START ≤40A/230V												
	LEAKAGE CURRENT	<3.5mA/240VAC												
PROTECTION		105 ~ 150% rated output power												
	OVER LOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed												
	OVER VOLTAGE	CH1:5.75 ~ 6.75V CH2:3.8 ~ 4.4V CH1:5.75 ~ 6.75V CH2:13.8 ~ 16.2V CH1:5.75 ~ 6.75V CH2:17.25 ~ 20.25												
		Protection type : Shut down o/p voltage, re-power on to recover												
	OVER TEMPERATURE(OPTION)	95°C±5°C (TSW1)												
		Protection type: Shut down o/p voltage, recovers automatically after temperature goes down												
	WORKING TEMP.	-10 ~ +60	-10 ~ +60°C (Refer to output load derating curve)											
ENVIRONMENT	WORKING HUMIDITY	20 ~ 90%	20 ~ 90% RH non-condensing											
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH												
	TEMP. COEFFICIENT	±0.03%/°	C (0~50°C)											
	VIBRATION	10 ~ 500H	lz, 2G 10m	in./1cycle,	60min. eac	h along X, `	r, Z axes							
	SAFETY STANDARDS	UL60950-	1, TUV EN	60950-1 Ap	proved									
	WITHSTAND VOLTAGE I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC													
SAFETY &	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC												
EMC	EMI CONDUCTION & RADIATION	Complian	ce to EN55	022 (CISPF	R22) Class	В								
(Note 4)	HARMONIC CURRENT	Complian	ce to EN61	000-3-2,-3										
	EMS IMMUNITY	Complian	ce to EN61	000-4-2,3,4	4,5,6,8,11;	ENV50204	EN55024,	Light indus	stry level, c	riteria A				
OTHERS	MTBF	141.5K hr	s min. N	IIL-HDBK-2	217F (25°C)								
	DIMENSION	199*99*50mm (L*W*H)												
	PACKING	0.93Kg; 2	0.93Kg; 20pcs/19.6Kg/1.28CUFT											
NOTE	All parameters NOT specia Ripple & noise are measure Tolerance: includes set up The power supply is considerate.	ed at 20MH tolerance,	lz of band line regula	width by us tion and lo	sing a 12" t ad regulati	wisted pair on.	-wire termi	inated with	a 0.1uf &	47uf parall	·		maata	

4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.





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