

CDECIFICATION



Features:

- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC fan
- CH3,4 are isolated from other outputs and the polarity can be reversed
- No minimum load requirement for CH2,3,4
- All output can be adjustable from -5~+10%
- With power good and fail signal output
- Built-in remote ON-OFF control
- Fixed switching frequency at 100KHz
- 3 years warranty



DUTPUT NUMBER DC VOLTAGE RATED CURRENT CURRENT RANGE RATED POWER(max.)	CH1 +5V 30A	CH2 +12V	CH3	CH4	CLIA		0110	0114				
RATED CURRENT CURRENT RANGE	30A	+12V			CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4
CURRENT RANGE			12V	12V	+5V	+12V	12V	5V	+5V	+12V	15V	15V
		10A	6A	3A	30A	10A	6A	3A	30A	9A	4A	4A
RATED POWER(max.)	3.5 ~ 40A	0 ~ 16A	0 ~ 6A	0 ~ 3A	3.5 ~ 40A	0 ~ 16A	0 ~ 6A	0 ~ 3A	3.5 ~ 40A	0 ~ 16A	0 ~ 4A	0 ~ 4A
- (-)	378W				357W				378W			
RIPPLE & NOISE (max.) Note.2	100mVp-p	150mVp-p	150mVp-p	50mVp-p	100mVp-p	120mVp-p	120mVp-p	50mVp-p	100mVp-p	150mVp-p	150mVp-p	240mVp
/OLTAGE ADJ. RANGE	4.75 ~ 5.5V	11.4 ~ 13.2V	11.4 ~ 13.2V	11.4 ~ 13.2V	4.75 ~ 5.5V	11.4 ~ 13.2V	11.4 ~ 13.2V		4.75 ~ 5.5V	11.4 ~ 13.2V	14.3 ~ 16.5V	14.3 ~ 16.
/OLTAGE TOLERANCE Note.3	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
INE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
OAD REGULATION	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%
SETUP, RISE TIME	800ms, 50											
HOLD UP TIME (Typ.)	36ms at fu	36ms at full load										
(, ,												
REQUENCY RANGE	47 ~ 63Hz											
() ()	77%				77%				77%			
	COLD START 45A											
, , ,												
OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed											
OVER VOLTAGE												
OVER TEMPERATURE												
,	RC+/RC-:0 ~ 0.8V POWER ON; 4V ~ 10V POWER OFF											
	-10 ~ +60 °C (Refer to "Derating Curve")											
	20 ~ 90% RH non-condensing											
TEMP. COEFFICIENT												
/IBRATION												
SAFETY STANDARDS												
VITHSTAND VOLTAGE												
SOLATION RESISTANCE	I/P-O/P, I/	P-FG, O/P-	FG:100M (Ohms / 500'	VDC / 25°C	/ 70% RH						
EMC EMISSION	Compliano	e to EN61	000-3-2,-3									
EMC IMMUNITY	Complian	e to EN61	000-4-2.3.4	4.5.6.8.11. I	EN55024. I	iaht industry	/ level. crit	eria A				
MTBF												
DIMENSION				(' ' ' ' '								
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.												
	OLTAGE RANGE Note.6 REQUENCY RANGE OWER FACTOR (Typ.) FFICIENCY (Typ.) C CURRENT (Typ.) RUSH CURRENT (Typ.) EAKAGE CURRENT OVERLOAD OVER VOLTAGE OWER GOOD / POWER FAIL (OPTIONAL) EMOTE CONTROL ORKING TEMP. ORKING HUMIDITY TORAGE TEMP., HUMIDITY EMP. COEFFICIENT IBRATION AFETY STANDARDS OITHSTAND VOLTAGE SOLATION RESISTANCE MC EMISSION MC IMMUNITY ITBF IMENSION ACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance : includes set up 4. Peak current can not excee 5. Isolated CH3 & CH4 maybe 5. Isolated CH3 & CH4 maybe 5. Isolated CH3 & CH4 maybe	OLTAGE RANGE Note.6 85 ~ 264V/ REQUENCY RANGE 47 ~ 63Hz OWER FACTOR (Typ.) PF>0.95/2 FFICIENCY (Typ.) 77% C CURRENT (Typ.) 6A/115VAI INCUSH CURRENT (Typ.) COLD ST/EAKAGE CURRENT 105 ~ 135 Protection Protection INCUSH CURRENT Protection INCUSH CURRENT Protection INCUSH CURRENT CH1:5.75 Protection Protection INCUSH CONTAGE Protection INCUSH CONTAGE Protection INCUSH CONTAGE Protection INCUSH CONTROL CH1:5.75 INCUSH TEMPERATURE Shut down INCUSH CONTROL RC+/RC-:1 INCUSH CONTROL RC+/RC-:1 INCUSH CONTROL CH1:5.75 INCUSH CONTROL CH1:5.75 INCUSH TEMPERATURE Shut down INCUSH TEMPERATURE Shut down INCUSH TEMPERATURE CH1:5.75 INCUSH TEMPERATURE CH	OLTAGE RANGE Note.6 85 ~ 264VAC 12 REQUENCY RANGE 47 ~ 63Hz OWER FACTOR (Typ.) PF>0.95/230VAC FFICIENCY (Typ.) 77% C CURRENT (Typ.) 6A/115VAC 3A/ RUSH CURRENT (Typ.) COLD START 45A EAKAGE CURRENT 22mA / 240VAC IVERLOAD Protection type: Hick OWER GOOD / POWER FAIL(OPTIONAL) 10ms/1ms EMOTE CONTROL RC+/RC-:0 ~ 0.8V PO FORKING TEMP10 ~ +60°C (Refer to FORKING HUMIDITY 20 ~ 90% RH non-co TORAGE TEMP., HUMIDITY -20 ~ +85°C, 10 ~ 95 EMP. COEFFICIENT ±0.03%/°C (0~50°C) IBRATION 10 ~ 500Hz, 2G 10m AFETY STANDARDS UL60950-1, TUV EN/ INTERNATION COMPILIANCE I/P-O/P;3KVAC I/P SOLATION RESISTANCE I/P SOLATIO	Note	OLTAGE RANGE Note.6 85 ~ 264VAC 120 ~ 370VDC REQUENCY RANGE 47 ~ 63Hz OWER FACTOR (Typ.) PF>0.95/230VAC PF>0.98/115VAC at 12 processory FFICIENCY (Typ.) 77% C CURRENT (Typ.) 6A/115VAC 3A/230VAC RUSH CURRENT OVERLOAD OVERLOAD OVER VOLTAGE OVER TEMPERATURE OWER GOOD / POWER FAIL(OPTIONAL) 10 ms/1ms EMOTE CONTROL OVEKING TEMP. OVEKING HUMIDITY TORAGE TEMP., HUMIDITY TORAGE	OLTAGE RANGE Note.6 REQUENCY RANGE OWER FACTOR (Typ.) PF>0.95/230VAC PF>0.98/115VAC at full load FFICIENCY (Typ.) C CURRENT (Typ.) C CURRENT (Typ.) FFICIENCY (Typ.) C CURRENT (Typ.) C CURRENT (Typ.) FAKAGE CURRENT RUSH CURRENT OWER FACTOR OWER TOWER FACTOR OWER COUNTY OWER COUNTY OWER COUNTY OWER TEMPERATURE OWER GOOD / POWER FAIL(OPTIONAL) OWER TEMP. OWER GOOD / POWER FAIL(OPTIONAL) OWER TEMP. OWER TEMP. OWER GOOD / POWER FAIL(OPTIONAL) OWER TEMP. OWER GOOD / POWER FAIL(OPTIONAL) OWER TEMP. OWER GOOD / POWER FAIL(OPTIONAL) OWER TEMP. OWER TEMP. OWER GOOD / POWER FAIL(OPTIONAL) OWER TEMP. OWER TEMP. OWER GOOD / POWER FAIL(OPTIONAL) OWER TEMP. OWER TEMP. OWER TASS	OLTAGE RANGE Note.6 85 ~ 264VAC 120 ~ 370VDC REQUENCY RANGE 47 ~ 63Hz OWER FACTOR (Typ.) PF>0.95/230VAC PF>0.98/115VAC at full load FFICIENCY (Typ.) 77% 77% C CURRENT (Typ.) 6A/115VAC 3A/230VAC RUSH CURRENT (Typ.) 6A/115VAC 3A/230VAC RUSH CURRENT (Typ.) COLD START 45A EAKAGE CURRENT 2mA / 240VAC OVER VOLTAGE Protection type: Hiccup mode, recovers automatically after fault of the foliation of the foliati	OLTAGE RANGE Note.6 85 ~ 264VAC 120 ~ 370VDC REQUENCY RANGE 47 ~ 63Hz OWER FACTOR (Typ.) PF>0.95/230VAC PF>0.98/115VAC at full load FFICIENCY (Typ.) 77% 77% C CURRENT (Typ.) 6A/115VAC 3A/230VAC REQUENCY RANGE 77% C CURRENT (Typ.) 6A/115VAC 3A/230VAC RUSH CURRENT (Typ.) 6A/115VAC 3A/230VAC REAKAGE CURRENT 705 7135% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is VER VOLTAGE 705 75 70 705 705 705 705 705 705 705 7	OLTAGE RANGE Note.6 85 ~ 264VAC 120 ~ 370VDC REQUENCY RANGE 47 ~ 63Hz OWER FACTOR (Typ.) PF>0.95/230VAC PF>0.98/115VAC at full load FFICIENCY (Typ.) 77% 77% C CURRENT (Typ.) 6A/115VAC 3A/230VAC RISUSH CURRENT (Typ.) 6A/115VAC 3A/230VAC RISUSH CURRENT (Typ.) 6A/115VAC 3A/230VAC REAKAGE CURRENT 2A/ 240VAC 105 ~ 135% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed CH1:5.75 ~ 6.75V Protection type: Shut down o/p voltage, re-power on to recover WER TEMPERATURE 5hut down o/p voltage, re-power on to recover WER GOOD / POWER FAIL(IOPTIONAL) 10ms/1ms DWER GOOD / POWER FAIL(IOPTIONAL) 10ms/1ms EMOTE CONTROL 700 RC+/RC-:0 ~ 0.8V POWER ON; 4V ~ 10V POWER OFF JORKING TEMP. 10 ~ +60°C (Refer to "Derating Curve") JORKING TEMP, HUMIDITY 20 ~ 90% RH non-condensing EMP. COEFFICIENT 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes AFETY STANDARDS 1.FO/P: JSKVAC 1/P-FG:1.5KVAC 0/P-FG:0.5KVAC SOLATION RESISTANCE 1/P-PG; 1.5KVAC 0/P-FG:0.5KVAC MC EMISSION 10 Compliance to EN61000-3-2, -3 MC IMMUNITY 10 Compliance to EN61000-3-2, -3 MC IMMUNITY 10 Compliance to EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, light industry level, criteria A TITEF 75.9K hrs min. MIL-HDBK-217F (25°C) IMENSION 280*127*63.5mm (L*W*H) 20 Kay Geos/14.8Kg/0.89CUFT 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient tempera 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12° twisted pair-wire terminated with a 0.1uf & 4 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. Peak current can not exceed 60 sec. 5. Isolated CH3 & CH4 maybe series connected or can be used as positive or negative outputs.	OLTAGE RANGE	Note 6 85 - 264VAC 120 ~ 370VDC	OLTAGE RANGE Note.\$ 85 - 264VAC 120 - 370VDC REQUENCY RANGE 47 - 63Hz OWER FACTOR (Typ.) PF-0-95/20VAC PF>0-98/115VAC at full load FFICIENCY (Typ.) 77% 77% 77% 77% 77% 77% C CURRENT (Typ.) 6A/115VAC 3A/230VAC URUSH CURRENT (Typ.) 6A/115VAC 3A/230VAC FFICIENCY (Typ.) COLD START 45A EAKAGE CURRENT 2-2mA/240VAC ODE 105 - 135% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed CH1:5.75 - 6.75V Protection type: Shut down o/p voltage, re-power on to recover VER VOLTAGE 5-10 10ms/1ms EMOTE CONTROL 7-10 10ms/1ms EMOTE CONTROL 7-10 - 60°C (Refer to "Derating Curve") JORKING HUMIDITY 20 - 90% RH non-condensing EMP. COEFFICIENT 10.3%/°C (0-50°C) IBRATION 10 - 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes AEFTY STANDARDS UL60950-1, TUV EN60950-1 approved MC EMISSION Compliance to EN61000-3-2,-3 MC IMMUNITY Compliance to EN61000-



CDECIFICATION



Features:

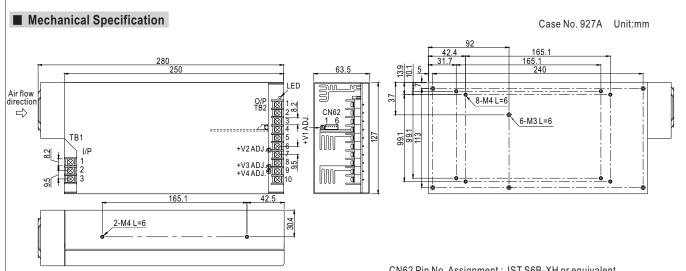
- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- Protections:Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC fan
- CH3,4 are isolated from other outputs and the polarity can be reversed
- No minimum load requirement for CH2,3,4
- All output can be adjustable from -5~+10%
- With power good and fail signal output
- Built-in remote ON-OFF control
- Fixed switching frequency at 100KHz
- 3 years warranty



MODEL		QP-375-5D				QP-375-5E					
	OUTPUT NUMBER	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4		
	DC VOLTAGE	+5V	+12V	12V	24V	+5V	+12V	24V	24V		
	RATED CURRENT	30A	9A	4A	3A	30A	9A	3A	2A		
	CURRENT RANGE	3.5 ~ 40A	0 ~ 16A	0 ~ 6A	0 ~ 3A	3.5 ~ 40A	0 ~ 16A	0 ~ 4A	0 ~ 3A		
	RATED POWER(max.)	378W				378W	<u>'</u>		<u>'</u>		
ОИТРИТ	RIPPLE & NOISE (max.) Note.2	100mVp-p	120mVp-p	120mVp-p	240mVp-p	100mVp-p	120mVp-p	120mVp-p	240mVp-p		
DUIPUI	VOLTAGE ADJ. RANGE	4.75 ~ 5.5V	11.4 ~ 13.2V	11.4 ~ 13.2V	22.8 ~ 26.4V	4.75 ~ 5.5V	11.4 ~ 13.2V	22.8 ~ 26.4V	22.8 ~ 26.4\		
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%		
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%		
	LOAD REGULATION	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%		
	SETUP, RISE TIME	800ms, 50ms a	800ms, 50ms at full load								
	HOLD UP TIME (Typ.)	36ms at full load									
	VOLTAGE RANGE Note.6	85 ~ 264VAC 120 ~ 370VDC									
	FREQUENCY RANGE	47 ~ 63Hz									
	POWER FACTOR (Typ.)	PF>0.95/230VAC PF>0.98/115VAC at full load									
INPUT	EFFICIENCY (Typ.)	78%									
	AC CURRENT (Typ.)	6A/115VAC 3A/230VAC									
	INRUSH CURRENT (Typ.)	COLD START 45A									
LEAKAGE CURRENT <2mA / 240VAC											
		105 ~ 135% rated output power									
	OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed									
PROTECTION		CH1:5.75 ~ 6.75V									
	OVER VOLTAGE	Protection type: Shut down o/p voltage, re-power on to recover									
	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down									
FUNCTION	POWER GOOD / POWER FAIL (OPTIONAL)										
FUNCTION	REMOTE CONTROL	RC+/RC-:0 ~ 0.8V POWER ON; 4V ~ 10V POWER OFF									
	WORKING TEMP.	-10 ~ +60°C (Refer to "Derating Curve")									
	WORKING HUMIDITY	20 ~ 90% RH non-condensing									
ENVIRONMENT	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH non-condensing									
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)									
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes									
	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 approved									
SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:3KVAC	I/P-FG:1.5K	VAC O/P-FG:0	.5KVAC						
EMC	ISOLATION RESISTANCE	I/P-O/P, I/P-FG	6, O/P-FG:100M	Ohms / 500VDC	/ 25°C / 70% RH						
(Note 7)	EMC EMISSION	Compliance to	EN61000-3-2,-3	3							
	EMC IMMUNITY	Compliance to	EN61000-4-2,3,	4,5,6,8,11, EN5	5024, light indust	try level, criteria	ıA				
	MTBF	75.9K hrs min.	MIL-HDBK-2	17F (25°C)							
OTHERS	DIMENSION	280*127*63.5r	nm (L*W*H)								
	PACKING	2.4Kg; 6pcs/14.8Kg/0.89CUFT									
NOTE	 Ripple & noise are measure Tolerance : includes set up Peak current can not excee 	ed at 20MHz of tolerance, line red 60 sec.	mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. berance, line regulation and load regulation.								

- S. Isolated CH3 & CH4 maybe series confineded in car be used as positive of regarder outputs.
 Derating may be needed under low input voltages. Please check the derating curve for more details.
 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. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on http://www.meanwell.com)
 The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).





AC Input Terminal Pin No. Assignment

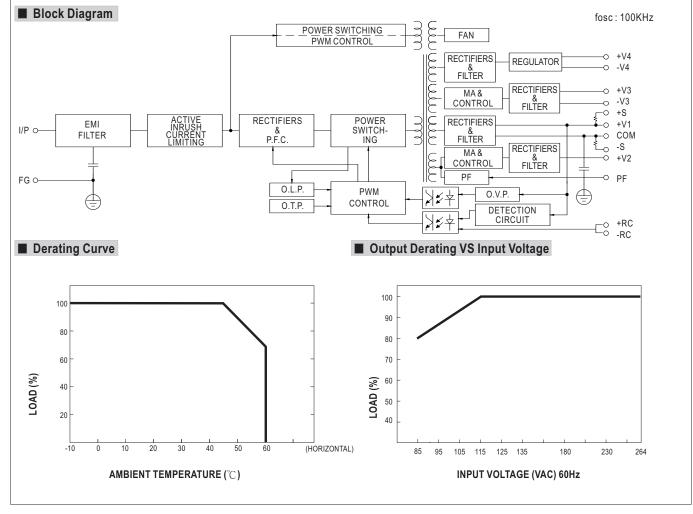
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Pin No.	Assignment				
1	AC/L				
2	AC/N				
3	FG ±				

DC Output Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1,2	+V1	8	-V3
3,4,5	COM(V1 and V2)	9	+V4
6	+V2	10	-V4
7	11/2		

CN62 Pin No. Assignment: JST S6B-XH or equivalent

	•		
Pin No.	Assignment	Mating Housing	Terminal
1	PF(Power good / Fail signal)		
2	GND		
3	RS-	JST XHP	JST SXH-001T-P0.6
4	RS+	or equivalent	or equivalent
5	RC-		
6	RC+		





SPECIFICATION



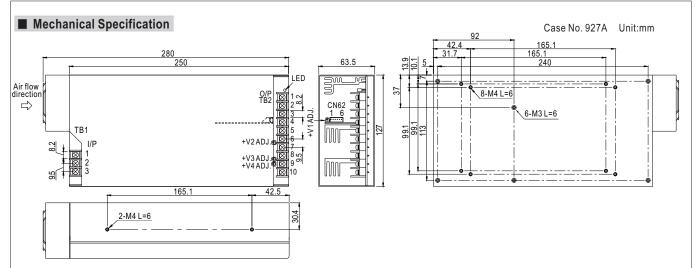
Features :

- Universal AC input / Full range
- Built-in active PFC function, PF>0.95
- Protections: Short circuit / Overload / Over voltage / Over temperature
- Forced air cooling by built-in DC fan
- CH3,4 are isolated from other outputs and the polarity can be reversed
- No minimum load requirement for CH2,3,4
- All output can be adjustable from -5~+10%
- With power good and fail signal output
- Built-in remote ON-OFF control
- Fixed switching frequency at 100KHz
- 3 years warranty



MODEL		QP-375-24B				QP-375-24C					
	OUTPUT NUMBER	CH1	CH2	CH3	CH4	CH1	CH2	CH3	CH4		
	DC VOLTAGE	+24V	+5V	12V	12V	+24V	+5V	15V	15V		
	RATED CURRENT	10A	10A	4A	4A	10A	10A	4A	4A		
	CURRENT RANGE	1 ~ 10A	0 ~ 16A	0 ~ 4A	0 ~ 4A	1 ~ 10A	0 ~ 10A	0 ~ 4A	0 ~ 4A		
	RATED POWER(max.)	386W				410W					
	RIPPLE & NOISE (max.) Note.2	240mVp-p	50mVp-p	120mVp-p	120mVp-p	240mVp-p	50mVp-p	150mVp-p	150mVp-p		
OUTPUT	VOLTAGE ADJ. RANGE	21.6 ~ 26.4V	4.5 ~ 5.5V	10.8 ~ 13.2V	10.8 ~ 13.2V	21.6 ~ 26.4V	4.5 ~ 5.5V	13.5 ~ 16.5V	13.5 ~ 16.5		
	VOLTAGE TOLERANCE Note.3	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%		
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%		
	LOAD REGULATION	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%	±0.8%		
	SETUP, RISE TIME	800ms, 50ms at full load									
	HOLD UP TIME (Typ.)	36ms at full load									
	() . ,	85 ~ 264VAC									
	FREQUENCY RANGE	47 ~ 63Hz									
	POWER FACTOR (Typ.)	PF>0.95/230VAC PF>0.98/115VAC at full load									
INPUT	EFFICIENCY (Typ.)	78%	. 1 . 0.00/			80%					
01	AC CURRENT (Typ.)	6A/115VAC	3A/230VAC			1 30 /0					
	INRUSH CURRENT (Typ.)	COLD START 45A									
	LEAKAGE CURRENT	<2mA/240VAC									
	LEARAGE CORRECT										
	OVERLOAD	105 ~ 135% rated output power Protection type: Hiccup mode, recovers automatically after condition is removed.									
DDOTEOTION		Protection type: Hiccup mode, recovers automatically after condition is removed CH1:27.6 ~ 32.4V Protection type: Shut down o/p voltage, re-power on to recover									
PROTECTION	OVER VOLTAGE										
	OVER TEMPERATURE	Shut down o/p voltage, re-power on to recover Shut down o/p voltage, recovers automatically after temperature goes down									
	POWER GOOD / POWER FAIL (OPTIONAL)	10ms/1ms	voitage, recove	15 automaticany	aitei teilipeiatu	ire goes down					
FUNCTION	REMOTE CONTROL	RC+/RC-:0 ~ 0.8V POWER ON; 4V ~ 10V POWER OFF									
		-10 ~ +60°C (Refer to "Derating Curve")									
	WORKING TEMP.										
FNVIDONMENT	WORKING HUMIDITY	20 ~ 90% RH non-condensing									
ENVIKUNMENI	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH non-condensing									
	TEMP. COEFFICIENT	±0.03%/°C (0~		COmin and als	V V 7						
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes									
	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 approved									
SAFETY &	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC									
EMC	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH									
(Note 7)	EMC EMISSION	•	EN61000-3-2,-3								
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A									
	MTBF	75.9K hrs min. MIL-HDBK-217F (25℃)									
OTHERS DIMENSION 280*127*63.5mm (L*W*H)											
	PACKING	0. 1	.8Kg/0.89CUFT								
NOTE	 All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. Tolerance: includes set up tolerance, line regulation and load regulation. Peak current can not exceed 60 sec. Isolated CH3 & CH4 maybe series connected or can be used as positive or negative outputs. Derating may be needed under low input voltages. Please check the derating curve for more details. 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. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies." (as available on http://www.meanwell.com) 										





AC Input Terminal Pin No. Assignment

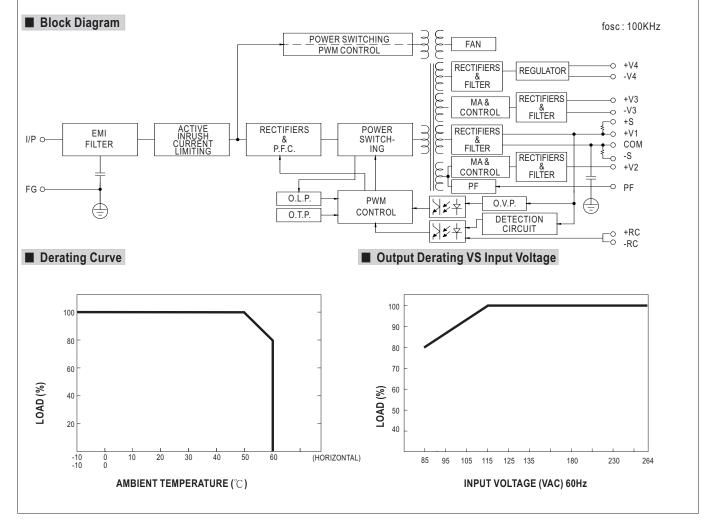
	10019111110111
Pin No.	Assignment
1	AC/L
2	AC/N
3	FG ±

DC Output Terminal Pin No. Assignment

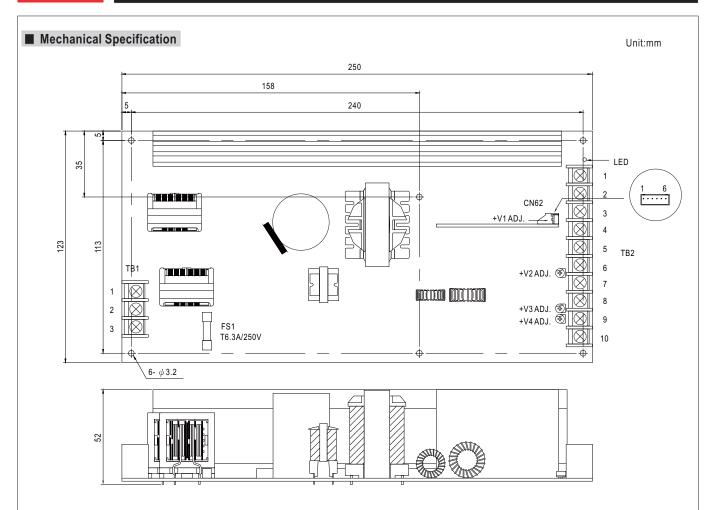
Pin No.	Assignment	Pin No.	Assignment
1,2	+V1	8	-V3
3,4,5	COM(V1 and V2)	9	+V4
6	+V2	10	-V4
7	+V3		

CN62 Pin No. Assignment: JST S6B-XH or equivalent

Pin No.	Assignment	Mating Housing	Terminal			
1	PF(Power good / Fail signal)					
2	GND					
3	RS-	JST XHP	JST SXH-001T-P0.6 or equivalent			
4	RS+	or equivalent				
5	RC-					
6	RC+					







AC Input Terminal Pin No. Assignment

i iii ito. 7tooigiiiiioiit						
Pin No.	Assignment					
1	AC/L					
2	AC/N					
3	FG ±					

DC Output Terminal Pin No. Assignment

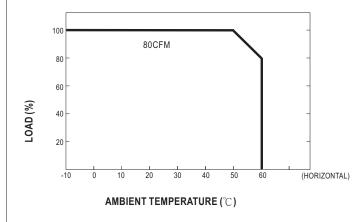
Pin No.	Assignment	Pin No.	Assignment
1,2	+V1	8	-V3
3,4,5	COM(V1 and V2)	9	+V4
6	+V2	10	-V4
7	+V3		

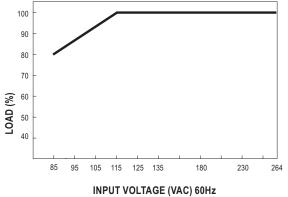
CN62 Pin No. Assignment: JST S6B-XH or equivalent

Pin No.	Assignment	Mating Housing	Terminal
1	PF(Power good / Fail signal)	JST XHP or equivalent	
2	GND		
3	RS-		JST SXH-001T-P0.6 or equivalent
4	RS+		
5	RC-		
6	RC+		

■ Derating Curve

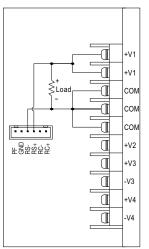
■ Output Derating VS Input Voltage



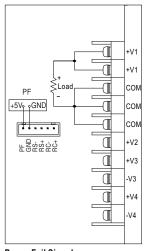




■ Control terminal instruction manual

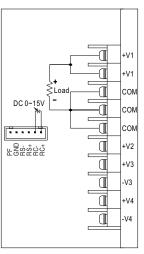


Remote Sensing



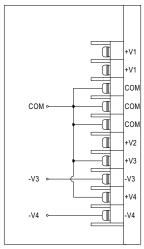
Power Fail Signal

PF Signal is the voltage difference between "GND" and "PF" pin output

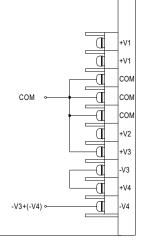


Power Fail Signal

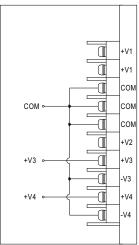
Power ON: When VRC+,RC-=0 \sim 0.8V or Open Power OFF: When VRC+,RC-=4 \sim 10V



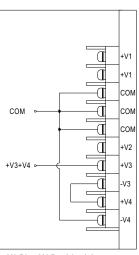
V3,V4 All Negative(-)



V3 Puls Negative(-)



V3,V4 All Positive(+)



V3 Plus V4 Positive(+)