



Features:

- Universal AC input / Full range
- Protections:Short circuit/Over load/Over voltage
- · Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- All using 105 $^{\circ}\!\mathbb{C}$ long life electrolytic capacitors
- Withstand 300VAC surge input for 5 second
- Withstand 5G vibration test
- High efficiency, long life and high reliability
- 3 years warranty







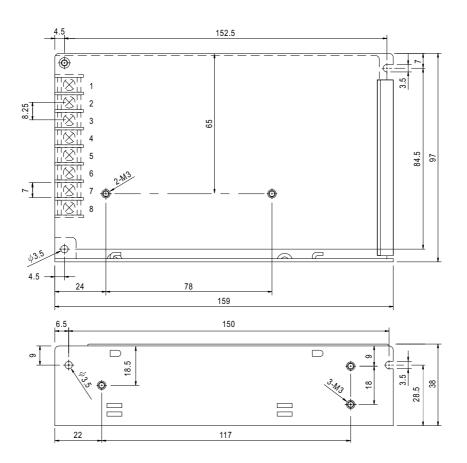
SPECIFICATION

OUTPUT OUTPUT	UT NUMBER DLTAGE D CURRENT	CH1 5V	CH2	CH3	CH4	0114							
OUTPUT OUTPUT	LTAGE					CH1	CH2	CH3	CH4	RQ-85D CH1 CH2 CH3 CH4			
OUTPUT OUTPUT OUTPUT OUTPUT RATED P RIPPLE 0 VOLTAG VOLTAG LINE RE0 LOAD RE SETUP, F HOLD TII VOLTAG FREQUE EFFICIEI AC CURI			12V	-5V	-12V	5V	15V	-5V	-15V	5V	12V	24V	-12V
OUTPUT CURRENT RATED P RIPPLE 6 VOLTAG VOLTAG LINE RE6 LOAD RE SETUP, F HOLD TI VOLTAG FREQUE EFFICIEI AC CURI		7A	3.1A	0.5A	0.5A	7A	2.5A	0.5A	0.5A	6A	2A	1A	0.5A
OUTPUT RATED P RIPPLE 6 VOLTAG VOLTAG LINE REC LOAD RE SETUP, F HOLD TI VOLTAG FREQUE INPUT AC CURI		2 ~ 10A	0.3 ~ 4A	0 ~ 1A	0 ~ 1A	2 ~ 10A	0.3 ~ 4A	0 ~ 1A	0 ~ 1A	2 ~ 10A	0.3 ~ 4A	0.1 ~ 1.5A	0 ~ 1A
VOLTAG VOLTAG VOLTAG LINE REI LOAD RE SETUP, F HOLD TII VOLTAG FREQUE EFFICIEI AC CURE		80.7W				82.5W			84W				
VOLTAG VOLTAG VOLTAG LINE REI LOAD RE SETUP, F HOLD TII VOLTAG FREQUE EFFICIEI AC CURE	E & NOISE (max.) Note.2	80mVp-p 120mVp-p 100mVp-p 80mVp-p						80mVp-p 120mVp-p 150mVp-p 80mVp-p					
LINE REC LOAD RE SETUP, F HOLD TII VOLTAG FREQUE EFFICIEI AC CURF	AGE ADJ. RANGE	CH1: 4.75 ~ 5.5V			CH1: 4.75 ~ 5.5V			CH1: 4.75 ~ 5.5V					
LOAD RESETUP, FEMALE SETUP, FE	AGE TOLERANCE Note.3		+7,-3%	±8.0%	±5.0%	±2.0%	+3,-7%	±8.0%	±5.0%	±2.0%	+7,-3%	±8.0%	±5.0%
SETUP, F HOLD TII VOLTAG FREQUE EFFICIEI AC CURI	REGULATION Note.4	±0.5%	±1.0%	±1.0%	±1.0%	±0.5%	±1.0%	±1.0%	±1.0%	±0.5%	±1.0%	±1.0%	±1.0%
HOLD TII VOLTAG FREQUE EFFICIEI AC CURI	REGULATION Note.5	±1.0%	±3.0%	±6.0%	±2.0%	±1.0%	±3.0%	±6.0%	±2.0%	±1.0%	±3.0%	±5.0%	±2.0%
INPUT VOLTAG FREQUE EFFICIEI AC CURI	P, RISE TIME	500ms, 20ms/230VAC 1200ms, 30ms/115VAC at full load											
INPUT FREQUE EFFICIEI AC CUR	TIME (Typ.)	100ms/230VAC 18ms/115VAC at full load											
INPUT EFFICIEI AC CURI	AGE RANGE	88 ~ 264VAC 125 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage)											
AC CUR	UENCY RANGE	47 ~ 63Hz											
AC CURI	IENCY (Typ.)	76%				77%				78%			
INDUCH	IRRENT (Typ.)	2.5A/115VAC 1.5A/230VAC											
INKUSH	SH CURRENT (Typ.)	COLD START 40A/230VAC											
LEAKAG	AGE CURRENT	<2mA/240VAC											
		110 ~ 150% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed											
PROTECTION OVER LC	LOAD												
	CH1: 5.75 ~ 6.75V												
OVER VO	VOLTAGE	Protection type: Hiccup mode, recovers automatically after fault condition is removed											
WORKIN	(ING TEMP.	-25 ~ +70°C (Refer to output load derating curve)											
WORKIN	ING HUMIDITY	20 ~ 90% RH non-condensing											
ENVIRONMENT STORAG	AGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH											
TEMP. CO	COEFFICIENT	$\pm 0.03\%$ /°C (0 ~ 50°C)on +5V output											
VIBRATIO	TION	10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes											
	TY STANDARDS	UL60950-1, TUV EN60950-1 Approved											
0.4.5557/.0	STAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC											
	TION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC											
(Note 7)	ONDUCTION & RADIATION												
HARMON	ONIC CURRENT	Compliance to EN61000-3-2,-3											
	MMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-6-2 (EN50082-2) heavy industry level, criteria A											
MTBF		206.8Khrs min. MIL-HDBK-217F (25°C)											
OTHERS DIMENSI		159*97*38mm (L*W*H)											
PACKING		0.6Kg; 24pcs/15.4Kg/0.7CUFT											
NOTE 2. Ripple 3. Tolers 4. Line r 5. Load 6. Each 7. The p EMC	 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. Line regulation is measured from low line to high line at rated load. Load regulation is measured from 20% to 100% rated load, and other output at 60% rated load. Each output can work within current range. But total output power can't exceed rated output power. 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. Length of set up time is measured at cold first start. Turning ON/OFF the power supply very quickly may lead to increase of the set up time. 												



■ Mechanical Specification

Case No. 901 Unit:mm



Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment		
1	AC/L	4	DC OUTPUT -V4	7	DC OUTPUT COM		
2	AC/N	5	DC OUTPUT V3	8	DC OUTPUT +V1		
3	FG ≟	6	DC OUTPUT +V2				

■ Derating Curve

■ Static Characteristics

