



- Constant voltage design
- Universal AC input / Full range
- Withstand 260VAC surge input for 5 seconds
- Protections: Short circuit / Overload / Over voltage
- Fully encapsulated with IP67 level
- Fully isolated plastic case
- Class II power unit, no FG
- Class 2 power unit
- Suitable for LED related fixture or appliance
- 100% full load burn-in test
- High reliability
- 2 years warranty

MODEL		RZ-1524-PSA	RZ-3624-PSA	RZ-6024-PSA	RZ-10024-PSA	RZ-15024-PSA
OUTPUT	DC VOLTAGE	24V				
	RATED CURRENT	0.6A	1.5A	2.5A	4.2A	6.25A
	CURRENT RANGE	0 ~ 0.6A	0 ~ 1.5A	0 ~ 2.5A	0 ~ 4.2A	0 ~ 6.25A
	RATED POWER	15W	36W	60W	100W	150W
	RIPPLE & NOISE (max.)	80mVp-p	100mVp-p	100mVp-p	120mVp-p	120mVp-p
	VOLTAGE TOLERANCE	±8.0%	±5.0%			
	LINE REGULATION	±1.0%				
	LOAD REGULATION	±6.0%	±2.0%			
	SETUP, RISE TIME	500ms, 20ms / 230VAC 500ms				
HOLD UP TIME (Typ.)	16ms/220VAC at full load					
INPUT	VOLTAGE RANGE	220VAC+20%				
	FREQUENCY RANGE	50Hz				
	EFFICIENCY (Typ.)	76%	83%	83%	86%	86%
	AC CURRENT (Typ.)	1A/230VAC				
	INRUSH CURRENT(Typ.)	COLD START 60A (width=525µs measured at 50% Ipeak) at 230VAC				
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	3 units (circuit breaker of type B) / 6 units (circuit breaker of type C) at 230VAC				
	LEAKAGE CURRENT	0.25mA / 240VAC				
PROTECTION	OVERLOAD	110 ~ 150% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed				
	OVER VOLTAGE	Protection type: Shut down o/p voltage, re-power on to recover				
ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH				
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)				
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
SAFETY & EMC	SAFETY STANDARDS	BIS IS15885, IEC62368-1; BS EN/EN62368-1				
	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC				
	ISOLATION RESISTANCE	I/P-O/P: >100M Ohms / 500VDC / 25°C/ 70% RH				
	EMC EMISSION	Compliance to BS EN/EN55032 (CISPR32) Class B, BS EN/EN61000-3-2 Class A, BS EN/EN61000-3-3, EAC TP TC 020				
	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11, BS EN/EN55024, light industry level, criteria A, EAC TP TC 020				
OTHERS	MTBF	732Khrs min.				
	DIMENSION	120*35*26mm	150*39*30mm	166*42*34mm	190*52*37mm	190*63*38mm
	PACKING					
NOTE	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°Cof 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. Derating may be needed under low input voltage. Please check the static characteristics for more details. 5. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. 					