



- Constant voltage design
- Universal AC input / Full range
- Withstand 260VAC surge input for 5 seconds
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Fully encapsulated with IP20 level
- Fully metal case
- Class I power unit
- Suitable for LED related fixture or appliance
- 100% full load burn-in test
- High reliability
- 2 years warranty

MODEL		RZ-6024-PSB	RZ-10024-PSB	RZ-15024-PSB	RZ-20024-PSB	RZ-25024-PSB	RZ-30024-PSB	RZ-36024-PSB	
OUTPUT	DC VOLTAGE	24V							
	RATED CURRENT	2.5A	4A	6.5A	8.3A	10A	12.5A	15A	
	CURRENT RANGE	0 ~ 2.5A	0 ~ 4A	0 ~ 6.5A	0 ~ 8.3A	0 ~ 10A	0 ~ 12.5A	0 ~ 15A	
	RATED POWER	60W	100W	150W	200W	250W	300W	360W	
	RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	180mVp-p	180mVp-p	200mVp-p	200mVp-p	200mVp-p	
	VOLTAGE TOLERANCE	±5.0%							
	LINE REGULATION	±1.0%							
	LOAD REGULATION	±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.)	90%	92%	94%	95%	95%	95%	95%	
	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 (MM)	170*49*29	255*49*29	255*49*29	255*49*29	255*63*29	330*49*29	330*49*29	
	PACKING								
NOTE	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°Cof ambient temperature.</li> <li>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µf &amp; 47µf parallel capacitor.</li> <li>3. Tolerance: includes set up tolerance, line regulation and load regulation.</li> <li>4. Derating may be needed under low input voltage. Please check the static characteristics for more details.</li> <li>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.</li> </ol>								