

DR-60-12 DIN Rail Power Supply



•Features:

- Universal AC Input Range
- DIN Rail Mounted, lightweight, high efficiency
- High Current Protection

MODEL		DR-60-12
OUTPUT	DC VOLTAGE	12V
	RATED CURRENT	4.5A
	CURRENT RANGE	0 ~ 4.5A
	RATED POWER	54W
	RIPPLE & NOISE (max.) Note.2	120mVp-p
	VOLTAGE ADJ.RANGE	10.8 ~ 13.2V
	VOLTAGE TOLERANCE Note.3	±1.0%
	LINE REGULATION	±1.0%
	LOAD REGULATION	±1.0%
	SETUP, RISE TIME	100ms, 30ms/230VAC 200ms, 30ms/115VAC at full load
	HOLD TIME(Typ.)	100ms/230VAC 23ms/115VAC at full load
INPUT	VOLTAGE RANGE	88 ~ 264VAC 124 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	82%
	AC CURRENT	1.2A/115VAC 0.8A/230VAC
	INRUSH CURRENT(max.)	COLD START 18A/115VAC 36A/230VAC
PROTECTION	OVERLOAD	105 ~ 160% rated output power
		Protection type: Constant current limiting, recovers automatically after fault condition is removed
	OVER VOLTAGE	13.8 ~ 16.2V
ENVIRONMENT	Protection type: Shut down o/p voltage, re-power on to recover	
	WORKING TEMP.	-20 ~ +60°C
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH
	TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)
SAFETY & EMC	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes
	SAFETY STANDARDS	Design refer to UL60950-1, TUV EN60950-1, EN50178
	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	Compliance to EN55022 (CISPR22) Class B
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3
	EMS IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5; ENV50204, EN55024, Light industry level, criteria A
OTHERS	MTBF	216.2K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION	78*93*56mm (L*W*H)
	PACKING	0.3Kg; 45pcs/13.5Kg/1.02CUFT