



DEVETECH ELECTRONICS CO. LTD

DVLRS-75 SERIES

75W SWITCHING POWER SUPPLY

MODEL		DVLRS-75-5	DVLRS-75-12	DVLRS-75-24	DVLRS-75-36	DVLRS-75-48
OUTPUT	DC VOLTAGE	5V	12V	24V	36V	48V
	RATED CURRENT	10A	4.2A	2.2A	1.45A	1.1A
	RATED POWER	70W	72W	76.8W	75.6W	76.8W
	RIPPLE & NOISE (max.) Note.2	80mVp-p	120mVp-p	175mVp-p	200mVp-p	200mVp-p
	VOLTAGE ADJ. RANGE	21.6 ~ 30V				
	VOLTAGE TOLERANCE Note.3	±2%	±1%	±1%	±1%	±1%
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±1%	±0.5%	±0.5%	±0.5%	±0.5%
	SETUP, RISE TIME Note.5	500ms, 30ms/230VAC 500ms, 30ms/115VAC at full load				
	HOLD UPTIME (Typ.)	60ms/230VAC 12ms/115VAC at full load				
INPUT	VOLTAGE RANGE & FREQUENCY RANGE	85 ~ 264VAC / 120 ~ 373VDC, 47 ~ 63Hz				
	EFFICIENCY (Typ.)	86,50%	89,00%	90,00%	91,50%	91,50%
	AC CURRENT	1.4A/115VAC 0.85A/230VAC				
	INRUSH CURRENT	COLD START 65A/230VAC				
	LEAKAGE CURRENT	<0.75mA / 240VAC				
	PROTECTION	OVERLOAD	≥110 ~ 130% rated output power, Protection type : Hiccup mode, recovers automatically after fault condition is removed			
OVER VOLTAGE		≥115 ~ 145% rated output power, Protection type : Shut down o/p voltage, recovers automatically after restart				
ENVIRONMENT	WORKING TEMP. & HUMIDITY	-30°C~+70°C; 20%~90RH				
	STORAGE TEMP. & HUMIDITY	-40°C~+85°C; 10%~95RH				
SAFETY & EMC (Note 4)	WITHSTAND VOLTAGE	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC ,1 min				
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:500VDC /100M Ohms at 25°C 70%				
OTHERS	DIMENSION	99*97*30 (L*W*H)				
	NET WEIGHT/GROSS WEIGHT	250g/272g				