



Features :

- . Low cost, High reliability
- . 105°C output capacitor
- . International AC input range
- . High efficiency, Low working temperature
- . Soft-start circuit, Limiting AC surge current
- . Short circuit, Overload, Over voltage protected
- . Compact size, Light weight
- . 100% full load burn-in test
- . Built in EMI filter, Low ripple noise

. ISO-9001 certified manufacturer



MODEL	DR-4505	DR-4512	DR-4515	DR-4524
SPECIFICATION				
DC OUTPUT VOLTAGE	5V	12V	15V	24V
OUTPUT V. TOLERANCE	±2%	±1%	±1%	±1%
OUTPUT RATED CURRENT	5A	3.5A	2.8A	2A
OUTPUT CURRENT RANGE	0-5A	0-3.5A	0-2.8A	0-2A
RIPPLE & NOISE	100mVp-p	200mVp-p	240mVp-p	480mVp-p
LINE REGULATION	±1%	±1%	±1%	±1%
LOAD REGULATION	±1%	±1%	±1%	±1%
DC OUTPUT POWER	25W	42W	42W	48W
EFFICIENCY	72%	77%	77%	80%
DC VOLTAGE ADJ.	+10, -5%		±10%	
INPUT VOLTAGE RANGE	85-264VAC 47-63Hz; 120-370VDC			
AC CURRENT	1.5A/115V 0.75A/230V			
INRUSH CURRENT	COLD START 30A/115V 60A/230V			
LEAKAGE CURRENT	<1mA/240VAC			
OVERLOAD PROTECTION	105% -150% TYPE CONSTANT CURRENT LIMITING RESET AUTO RECOVERY			
OVER VOLTAGE PROTECTION	115% -135%			
OVER TEMP. PROTECTION	Tj 135°C TYPICALLY POWER SHUTDOWN			
TEMP. COEFFICIENT	±0.03% / °C (0-50° C)			
SETUP, RISE, HOLD UP TIME	800ms,60ms; 50ms/230V			
VIBRATION	10-500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES			
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:500VDC / 100M Ohms			
WORKING TEMP., HUMIDITY	-10° C--45° C(REFER TO OUTPUT DERATING CURVE), 20%-90% RH			
STORAGE TEMP., HUMIDITY	-20° C--85° C, 10%-95% RH			
DIMENSION	93*78*67mm			
WEIGHT	0.4Kgs			
SAFETY STANDARDS	TUV EN60950, UL508 APPROVED			
EMC STANDARDS	CISPR22 (EN55022) CLASS B, EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-3-2,-3, EN50082-2			
NOTE :	1 ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25° C 70% RH AMBIENT 2 TOLERANCE : INCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION 3 RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1µF & 47µF CAPACITOR 4 LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD 5 LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED LOAD			

