



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



SPECIFICATION	MODEL	ADS-15512		ADS-15524		ADS-15548	
		CH1	CH2	CH1	CH2	CH1	CH2
DC OUTPUT VOLTAGE		12V	5V	24V	5V	48V	5V
OUTPUT V. TOLERANCE		±2%	±3%	±1%	±3%	±1%	±3%
OUTPUT RATED CURRENT		11.5A	3A	5.8A	3A	2.9A	3A
OUTPUT CURRENT RANGE		0-12.5A	0-3A	0-6.5A	0-3A	0-3.2A	0-3A
RIPPLE & NOISE		150mVp-p	100mVp-p	150mVp-p	100mVp-p	240mVp-p	100mVp-p
LINE REGULATION		±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION		±1%	±2%	±0.5%	±2%	±1%	±1%
DC OUTPUT POWER		153W		154.2W		154.2W	
EFFICIENCY		78%		82%		82%	
DC VOLTAGE ADJ.		±10%	FIXED	±10%	FIXED	±10%	FIXED
INPUT VOLTAGE RANGE		88-264VAC 47-63Hz, 124-370VDC					
AC CURRENT		2.5A/115V 1.5A/230V					
INRUSH CURRENT		COLD START 20A/115V 40A/230V					
LEAKAGE CURRENT		<1mA/240VAC					
OVERLOAD PROTECTION		105%-135% TYPE-CONSTANT CURRENT LIMITING RESET-AUTO RECOVERY					
OVER VOLTAGE PROTECTION		CH1:115%-135% TYPE/SHUTDOWN					
TEMP. COEFFICIENT		±0.03%/°C (0-50°C)					
SETUP, RISE, HOLD UP TIME		1.6s, 90ms, 16ms/115VAC 900ms, 90ms, 20ms / 230VAC					
POWER FACTOR		PF>0.95					
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~+60°C(REFER TO OUTPUT DERATING CURVE), 20%-90% RH					
STORAGE TEMP., HUMIDITY		-20°C~+85°C, 10%-95% RH					
DIMENSION		199*110*50mm CASE:906					
WEIGHT		1Kg					
SAFETY STANDARDS		UL1950, TUV EN60950 APPROVED					
EMC STANDARDS		CISPR22(EN55022)CLASS B, EN61000-4-2,3,4,5,6,8,11;ENV50204, EN61000-3-2,-3					
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 0.1uF & 47uF CAPACITOR. 4. LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD. 5. LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD, AND OTHER OUTPUT AT 60% RATED LOAD. 6. EACH OUTPUT PROVIDE UP TO MAXIMUM CURRENT, BUT TOTAL LOAD CAN NOT EXCEED MAX. OUTPUT POWER.					

