SPECIFICATION				
	AD-55A		AD-55B	
MODEL				
OUTPUT	CH1	CH2	CH1	CH2
Outputnumber	13.8V	13.4V	27.6V(24V)	26.5V(24V)
DC voltage	3.5A	0.23A	1.8A	0.16A
Rated Current	0~4A	--------	0~2A	--------
Current Range	51.38W		53.92W	
Rated Power	100mVp-p	--------	100mVp-p	--------
Ripple&Noise	CH1:12~14.5V		CH1:24~29V	
Voltage Adj.Range	±1.0%	--------	±1.0%	--------
Voltage Tolerance	±0.5%	--------	±0.5%	--------
Line Regulation	±0.5%	--------	±0.5%	--------
Load Regulation	800ms,50ms/230VAC 1600ms,50ms/115VAC at full load			
Setup,Rise Time	80ms/230VAC 16ms/115VAC at full load			
INPUT				
Voltage Range	88~264VAC47~63Hz; 124~370VDC			
AC Current	1.6A/115VAC 1A/230VAC			
Efficiency	71%		74%	
Inrush Current	Coldstart 20A/115VAC 40A/230VAC			
Leakage Current	<1mA /240VAC			
PROTECTION				
Over Load	105~150% rated output power			
	Protection type:AC Charging Mode:Hiccup mode,recovers automatically after fault condition is removed UPS Mode:Protected by internal fuse			
Over Voltage	CH1:15.87~18.63V		CH1:31.74~37.26V	
	Protection type: Hiccup mode,recovers automatically after fault condition is removed			
Battery Low	9.5~11V		20~22V	
ENVIRONMENT				
Working Temp.	-10~+60℃(Refer to“Derating Curve”)			
Working Humidity	20~90%RH non-condensing			
Storage Temp.,Humidity	-20~+85℃,10~95%RH			
Temp.Coefficient	±0.03%/ ℃(0~50℃)on CH1 output			
Vibration	10~500Hz,2G10min./1cycle,60min.each along X, Y,Z axes			
SAFETY &EMC				
Safety Standards	UL60950-1, TUV EN60950-1 approved			
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 /25℃ /70%RH			
EMC Emission	Compliance to EN55022(CISPR22) Class B, EN61000-3-2,-3			

EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11,EN55024,light industry level, criteria A
OTHERS	
Dimension	159*97*38mm(L*W*H)
Weight	0.47Kg
Packing	40pcs/19.80Kg
NOTE	

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.

2. Ripple & noise are measured at 20MHz of bandwidth by using a 12” twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.

3. Tolerance: includes set up tolerance, line regulation and load regulation.

4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meetsEMC directives.