	AD-55A		AD-55B		
MODEL	АД-55А		AD-55B		
OUTPUT	CH1	CH2	CH1	CH2	
	13.8V	13.4V	27.6V(24V)	26.5V(24V)	
Outputnumber	3.5A	0.23A	27.6V(24V) 1.8A	,	
DC voltage	0.000	U.23A		0.16A	
Rated Current	0~4A		0~2A		
Current Range	51.38W		53.92W		
Rated Power	100mVp-p CH1:12~14.5V		100mVp-p		
Ripple&Noise			CH1:24	1~29V	
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	88~264VAC47~63H	z; 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				
	fault condition is ren	0 0	•	•	
Over Voltage	tault condition is ren CH1:15.87	noved UPS Mode:Pro	•	ise	
Over Voltage	CH1:15.87	noved UPS Mode:Pro 7~18.63V	otected by internal fu	ise 1~37.26V	
Over Voltage	CH1:15.87	noved UPS Mode:Pro 7~18.63V	otected by internal fu CH1:31.74	ise 1~37.26V	
Over Voltage Battery Low	CH1:15.87 Protection type: Hico	noved UPS Mode:Pro 7~18.63V cup mode,recovers a	otected by internal fu CH1:31.74	use 4~37.26V ult condition is	
·	CH1:15.87 Protection type: Hico removed	noved UPS Mode:Pro 7~18.63V cup mode,recovers a	CH1:31.74 Utomatically after fa	use 4~37.26V ult condition is	
·	CH1:15.87 Protection type: Hico removed	noved UPS Mode:Pro 7~18.63V cup mode,recovers a	CH1:31.74 Utomatically after fa	use 4~37.26V ult condition is	
Battery Low	CH1:15.87 Protection type: Hico removed	noved UPS Mode:Pro 7~18.63V cup mode,recovers a	CH1:31.74 Utomatically after fa	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT	CH1:15.87 Protection type: Hico removed 9.5~	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V 'Derating Curve")	CH1:31.74 Utomatically after fa	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-cor	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V 'Derating Curve") idensing	CH1:31.74 Utomatically after fa	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-con-20~+85°C,10~95%	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V 'Derating Curve") idensing RH	CH1:31.74 Utomatically after fa	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-con-20~+85°C,10~95% ±0.03%/ °C(0~50°C	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V "Derating Curve") densing RH Jon CH1 output	otected by internal fu CH1:31.74 utomatically after far 20~	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-con-20~+85°C,10~95%	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V "Derating Curve") densing RH Jon CH1 output	otected by internal fu CH1:31.74 utomatically after far 20~	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-con-20~+85°C,10~95% ±0.03%/ °C(0~50°C	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V "Derating Curve") densing RH Jon CH1 output	otected by internal fu CH1:31.74 utomatically after far 20~	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-con-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V 'Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each	otected by internal fu CH1:31.74 utomatically after far 20~	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC Safety Standards	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-cor-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min) UL60950-1, TUV EN	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V (Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each	otected by internal fu CH1:31.74 utomatically after far 20~.	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-con-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V (Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each	otected by internal fu CH1:31.74 utomatically after far 20~.	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC Safety Standards	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-cor-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min) UL60950-1, TUV EN	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V (Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each	otected by internal fu CH1:31.74 utomatically after far 20~.	use 4~37.26V ult condition is	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC Safety Standards Withstand Voltage	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-cor-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min UL60950-1, TUV ENI/P-0/P:3KVAC I/P	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V (Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each 60950-1 approved -FG:1.5KVAC O/P-F	otected by internal fu CH1:31.74 utomatically after far 20~ along X, Y,Z axes	ase 4~37.26V ult condition is 22V	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC Safety Standards	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-cor-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min) UL60950-1, TUV EN	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V (Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each 60950-1 approved -FG:1.5KVAC O/P-F	otected by internal fu CH1:31.74 utomatically after far 20~ along X, Y,Z axes	ase 4~37.26V ult condition is 22V	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC Safety Standards Withstand Voltage	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-cor-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min UL60950-1, TUV ENI/P-0/P:3KVAC I/P	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V (Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each 60950-1 approved -FG:1.5KVAC O/P-F	otected by internal fu CH1:31.74 utomatically after far 20~ along X, Y,Z axes	ase 4~37.26V ult condition is 22V	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC Safety Standards Withstand Voltage Isolation Resistance	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-con-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min UL60950-1, TUV ENI/P-O/P:3KVAC I/P	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V (Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each 60950-1 approved -FG:1.5KVAC O/P-F	otected by internal fur CH1:31.74 utomatically after far 20~ along X, Y,Z axes OVDC /25°C /70%RH	ase 4~37.26V ult condition is 22V	
Battery Low ENVIRONMENT Working Temp. Working Humidity Storage Temp.,Humidity Temp.Coefficient Vibration SAFETY &EMC Safety Standards Withstand Voltage	CH1:15.87 Protection type: Hick removed 9.5~ -10~+60°C(Refer to 20~90%RH non-cor-20~+85°C,10~95% ±0.03%/°C(0~50°C 10~500Hz,2G10min UL60950-1, TUV ENI/P-0/P:3KVAC I/P	noved UPS Mode:Pro 7~18.63V cup mode,recovers a 11V (Derating Curve") idensing RH)on CH1 output ./1cycle,60min.each 60950-1 approved -FG:1.5KVAC O/P-F	otected by internal fur CH1:31.74 utomatically after far 20~ along X, Y,Z axes OVDC /25°C /70%RH	ase 4~37.26V ult condition is 22V	

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°C 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.