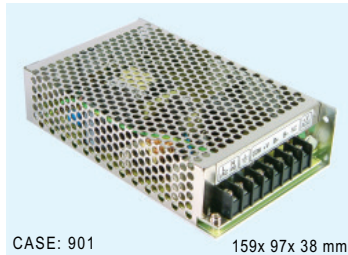


## 55W 1~2 Output with Battery Charger



- Universal AC input / Full range
- Protections: Short circuit / Overload / Over voltage
- Battery low protection
- Cooling by free air convection
- Fixed switching frequency at 45KHz
- Approvals: UL / CUL / TUV / CB / CE
- 100% full load burn-in test
- 2 years warranty

AC input voltage range	88~264VAC; 124~370VDC
AC inrush current	Cold start, 20A at 115VAC, 40A at 230VAC
DC adjustment range	12V, 24V: $\pm 10\%$ 13.8V: 12~14.5V; 27.6V: 24~29V
Overload protection	105~150% hiccup mode, auto-recovery
Over voltage protection	CH1: 105~135% rated output voltage
Setup, rise, hold up time	800ms, 50ms, 80ms at full load and 230VAC
Withstand voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, 1minute
Working temperature	-10°C~60°C(refer to output derating curve)
Safety standards	UL60950-1, TUV EN60950-1 approved
EMC standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, ENV50204
Connection	8P/ 8.25mm pitch terminal block
Packing	0.57kg ; 24pcs / 13.7kg / 0.75CUFT

### ❖ Single output with 5V, 4A DC-DC Converter

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10451	ADS-5512	12V, 0.0~4.0A	$\pm 1\%$	100mV	74%	51W
		5V, 0.0~4.0A	$\pm 3\%$	100mV		
10452	ADS-5524	24V, 0.0~2.5A	$\pm 1\%$	100mV	74%	58W
		5V, 0.0~4.0A	$\pm 3\%$	100mV		

### ❖ Single output with Battery Charger (UPS function)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10461	AD-55A	13.8V, 0.0~4.0A	$\pm 1\%$	100mV	71%	51W
		13.4V, 0.0~0.23A (Charger)				
10462	AD-55B	27.6V, 0.0~2.0A	$\pm 1\%$	100mV	74%	54W
		26.5V, 0.0~0.16A (Charger)				

### ❖ Dual output with Battery Charger (UPS function)

Stock No.	Model No.	Output	Tol.	R&N	Effi.	Max.
10471	ADD-55A	13.8V, 0.0~3.50A	$\pm 1\%$	100mV	71%	53W
		5V, 0.0~4.00A	$\pm 3\%$	100mV		
		13.4V, 0.0~0.23A (Charger)			74%	55W
10472	ADD-55B	27.6V, 0.0~2.00A	$\pm 1\%$	150mV		
		5V, 0.0~4.00A	$\pm 3\%$	150mV		
		26.5V, 0.0~0.16A (Charger)				

### Block Diagram

