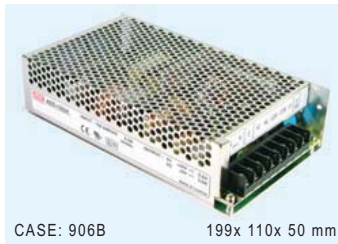


## 155W 1~2 Output with Battery Charger and PFC Function



CASE: 906B

199x 110x 50 mm

- Universal AC input / Full range
- PF>0.92@230VAC and full load
- Protections: Short circuit / Overload / Over voltage
- Battery low protection (except for ADS series)
- Cooling by free air convection
- Fixed switching frequency at 134kHz
- 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, 48V: $\pm 10\%$ 13.8V: 12~14.5V; 27.6V: 24~29V; 54V: 48~58V
Overload protection .....	CH1,2: 105%~135%, charger: 0.51~0.9A; constant current limiting, auto-recovery
Over voltage protection ....	CH1: 115%~135% rated output voltage
Setup, rise, hold up time ...	1000ms, 90ms, 24ms at full load and 230VAC
Withstand voltage .....	I/P-O/P:3kVAC, I/P-FG:1.5kVAC, 1minute
Working temperature .....	With fan:-10~50°C@100% , 60°C@80% load Without fan:-10~50°C@70% , 60°C@50% load
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/ 9.5mm pitch terminal block
Packing .....	1.0kg ; 16pcs / 16.0kg / 0.95CUFT

### ❖ Single Output with 5V, 3A DC-DC Converter

Model No.	Output	Tol.	R&N	Effi.	Max.
ADS-15512	12V, 0~12.5A	$\pm 2\%$	150mV	77%	153W
	5V, 0~3.00A	$\pm 3\%$	100mV		
ADS-15524	24V, 0~6.50A	$\pm 1\%$	150mV	82%	154W
	5V, 0~3.00A	$\pm 3\%$	100mV		
ADS-15548	48V, 0~3.20A	$\pm 1\%$	240mV	82%	154W
	5V, 0~3.00A	$\pm 5\%$	100mV		

### ❖ Single Output with Battery Charger (UPS Function)

Model No.	Output	Tol.	R&N	Effi.	Max.
AD-155A	13.8V, 0~11.5A	$\pm 2\%$	150mV	80%	152W
	13.3V, 0~0.50A	(Charger)			
AD-155B	27.6V, 0~5.50A	$\pm 1\%$	150mV	84%	152W
	27.1V, 0~0.50A	(Charger)			
AD-155C	54.0V, 0~2.70A	$\pm 1\%$	240mV	84%	157W
	53.5V, 0~0.50A	(Charger)			

### ❖ Dual Output with Battery Charger (UPS Function)

Model No.	Output	Tol.	R&N	Effi.	Max.
ADD-155A	13.8V, 0~10.5A	$\pm 1\%$	150mV	78%	153W
	5V, 0~3.00A	$\pm 3\%$	100mV		
	13.3V, 0~0.50A	(Charger)			
ADD-155B	27.6V, 0~5.00A	$\pm 1\%$	200mV	81%	153W
	5V, 0~3.00A	$\pm 3\%$	100mV		
	27.1V, 0~0.50A	(Charger)			
ADD-155C	54.0V, 0~2.50A	$\pm 1\%$	240mV	81%	150W
	5V, 0~3.00A	$\pm 5\%$	100mV		
	53.5V, 0~0.20A	(Charger)			