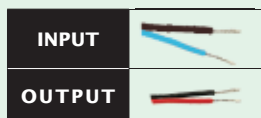


AP series

8~35W Single Output LED Power Supply

► Features

- Universal AC input / Full range
- Fully isolated plastic case
- Protections: Short circuit / Over voltage (except for APC-8)
- **Constant current mode**
- No load power consumption <0.5W for APC-8
- IP30 design
- Withstand 300VAC surge input for 5 seconds (APC-25/35)
- 94V-0 flame retardant plastic case
- Class 2 power unit / Pass LPS (except for APC-8, APC-25-350 & APC-35-350/500)
- Isolation class II, no F.G.
- Cooling by free air convection
- 100% full load burn-in test
- Low cost, high reliability
- Small and compact size
- Suitable for LED lighting and moving sign applications
- 2 years warranty



AC input voltage range	90~264VAC ; 127~370VDC		
AC inrush current (max.)	Cold start, 70A at 230VAC	APC-12: Cold start, 70A at 230VAC APC-16: Cold start, 45A at 230VAC	Cold start, 45A at 230VAC
Over voltage protection	None	110%~145% rated output voltage	
Withstand voltage	I/P-O/P: 3.75kVAC		I/P-O/P: 3kVAC
Working temperature	-30~+70°C (refer to output derating curve)		
Vibration	10~500Hz, 2G 10 minutes /1 cycle, period for 60 minutes each along X, Y, Z axes		
Safety standards	Design refer to IEC60950-1, IEC61347-1/2-13, UL8750	UL8750, IEC/EN61347-1/2-13(LVD) approved, Design refer to IEC60950-1	UL8750 (except for APC-25-350 & APC-35-350/500), EN60950-1(LVD) approved
EMC standards	EN55015, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547		EN55022 class B, EN61000-3-2 class A, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11
Connection	Input	UL rated, 18AWGx2C (15cm)	
	Output	UL rated, 20AWGx2C (15cm)	
Dimension (LxWxH)(mm)	60x 30x 22	77x 40x 29	84x 57x 29.5

APC-8 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
APC-8-250	16~32V, 250mA	±5%	350mV	84%
APC-8-350	11~23V, 350mA	±5%	300mV	83%
APC-8-500	8~16V, 500mA	±5%	300mV	82%
APC-8-700	5~11V, 700mA	±5%	250mV	80%

APC-12 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
APC-12-350	9~36V, 350mA	±8%	300mV	82%
APC-12-700	9~18V, 700mA	±8%	250mV	80%

APC-16 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
APC-16-350	12~48V, 350mA	±8%	300mV	84%
APC-16-700	9~24V, 700mA	±8%	250mV	83%

APC-25 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
APC-25-350	25~70V, 350mA	±8%	300mV	83%
APC-25-500	15~50V, 500mA	±8%	300mV	83%
APC-25-700	11~36V, 700mA	±8%	300mV	83%
APC-25-1050	9~24V, 1050mA	±8%	300mV	83%

APC-35 Series (C.C. mode)



Model No.	Output	Io Tol.	R&N	Effi.
APC-35-350	28~100V, 350mA	±8%	350mV	84%
APC-35-500	25~70V, 500mA	±8%	350mV	84%
APC-35-700	15~50V, 700mA	±8%	350mV	84%
APC-35-1050	11~33V, 1050mA	±8%	350mV	84%

Note: The models on this page might not be suitable for lighting applications in EU countries. Please check with your local authorities for the possible use of the model of interest.