



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



12W IP66 Power Supplies



RoHS

- ◆ Small Size
- ◆ 115VAC or 230VAC input
- ◆ Constant Current or Constant Voltage Versions
- ◆ Splash proof
- ◆ Conservative component ratings for long life

Key Market Segments & Applications

LED Lighting
Damp Environments

Specifications			
ITEMS	MODEL		
		LDC12	
		LDV12	
AC Input	VAC/Hz	90 - 264VAC, 47 - 63Hz	
Inrush Current (100/200VAC)	A	25 / 50A, 25°C ambient, cold start	
Input Current (110/200VAC)	A	0.28 / 0.18A	
Temperature Coefficient	-	<0.02%/°C (0 - 50°C)	
Overcurrent Protection	-	Automatic Recovery	> 105% of rated power
Overvoltage Protection	%	> 110%	
Turn on time	ms	< 200ms	
Hold Up Time (115/230V input)	ms	5ms typical	
Leakage Current (265VAC 60Hz)	mA	0.25mA	
Efficiency	%	82% typical at full load	
Operating Temperature	-	-10 to +60°C (Guaranteed start up at -20°C)	
Storage Temperature	-	-30 to +85°C	
Operating Humidity (1)	-	15 - 90% RH	
Storage Humidity (1)	-	15 - 90% RH	
Cooling	-	Convection	
Withstand Voltage	-	Input to Output 3kVAC	
Isolation Resistance	-	>100M at 25°C & 70%RH, Input to Output at 500VDC	
Vibration (non operating)	-	10 - 55Hz: 19.6m/s ² constant sweep 1 min X, Y, Z for 30 mins	
Shock	-	< 196.1 m/s ² (20G)	
Immunity	-	IEC61000-4-2, -3, -4, -5, -6, -8, -11	
Safety Agency Approvals	-	UL1310 (Class 2), IEC61347-1, IEC61347-2-13, CE Mark	
Conducted & Radiated EMI	-	EN55015, EN55022, FCC Class B	
IP Class	-	IP66	
Weight (Typ)	g	84	
Size (LxWxH)	in(mm)	3.45 x 1.36 x 0.83" (90 x 34.5 x 21mm)	
Warranty	yrs	Three Years	

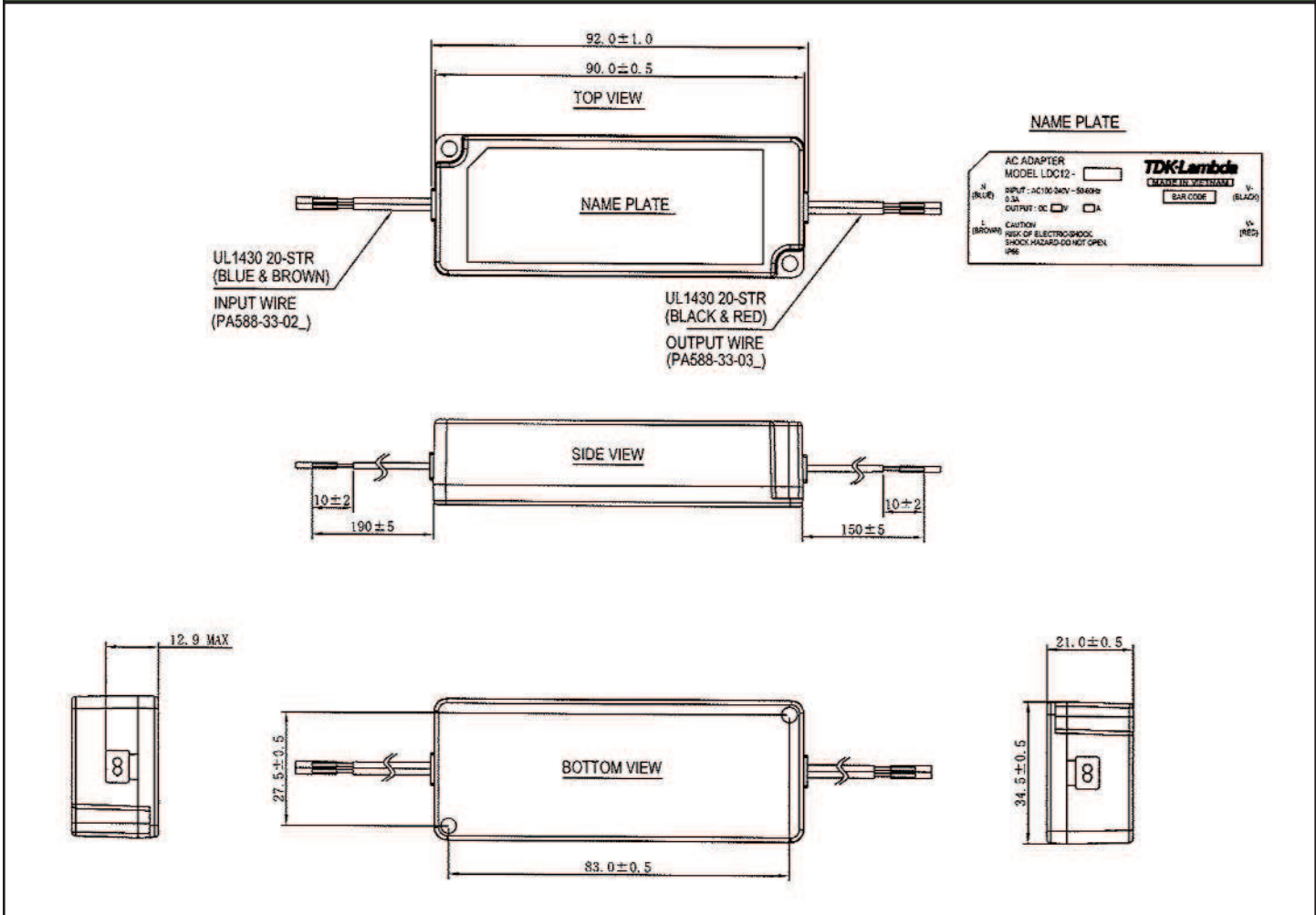
(1) Non condensing

LD12 Series

Model Selector

Model	CV/CC	Output Voltage (V)	Output Accuracy	Min. Output Current (A)	Output Current (A)	Maximum Average Power	Ripple & Noise
LDC12-36-R35	CC	3 - 36V	0.33 - 0.37A	-	0.35A	12.6W	-
LDC12-18-R70	CC	3 - 18V	0.66 - 0.735A	-	0.7A	12.6W	-
LDV12-12-1R0	CV	12	11.4 - 12.6V	0.1A	1A	12W	100mV
LDV12-15-R80	CV	15	14.25 - 15.75V	0.08A	0.8A	12W	100mV
LDV12-24-R50	CV	24	22.8 - 25.2V	0.05A	0.5A	12W	150mV

Outline Drawing



For Additional Information, please visit us.tdk-lambda.com/products/ld12-series.htm