



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

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36W LED Driver with 3 Channel Constant Current Outputs PDA038B LED Power Supply



Features

- 3 Channel Output
- OVP, OTP and Short-Circuit Protection
- Brownout Protection
- Class 2 Output per UL1310
- IP65 Rated
- AC input: 108-304VAC
- ≥ 0.9 Power Factor Correction & THD $< 20\%$

Applications

- Troffers

Safety Approvals

- cUL/UL8750 / UL60950
- Class 2 Output per UL1310

Mechanical Characteristics

- Length: 242mm (9.53in)
- Width: 43.5mm (1.71in)
- Height: 30.5mm (1.2in)
- Weight: 650g

Output Specifications

Channel 1~3

Model	DC Output Voltage			Output Current	Output Power
	Min.	Typ.	Max.		
PDA038B-T350G	27V	-	36V	350mA	19W

PhiHong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at www.phihong.com for the most up-to-date specifications and contact information.

INPUT:

AC Input Voltage Range
108~304VAC

AC Input Voltage Rating
120~277VAC

AC Input Frequency
47~63 Hz

Maximum Input Current
 $\leq 0.5A$

Leakage Current
0.75mA maximum

Power Factor
 ≥ 0.9

THD
< 20%

OUTPUT:
Output Current Ripple
 $\leq 60\%$

Efficiency
83% at 120VAC
84% at 277VAC
Typical Efficiency: 86%

Environmental:

Temperature
Operation Tc -20 to 70°C
Non-operation -40 to +85°C
Operating Humidity 5% to 95%

EMC

FCC Part 15B, Class A

Immunity

IEC61000-4-5

Dielectric Withstand (Hi-pot) Test

Primary to secondary: 3600VAC for 3 seconds, 10mA

Insulation Resistance

Primary to secondary: >5M Ohm 500VDC, 1 Minute

Short-Circuit Protection

Latch requires power cycle to restart

Output Over-voltage Protection

Max Voltage Limit 42V

Input / Output Connections

Position	Terminal Color	Specification	Length
Input	Black	AWG18 Solid Wire	360mm
	White	AWG18 Solid Wire	360mm
	Green/Yellow	AWG18 Solid Wire	220mm
Output	Red(+)	AWG18 Solid Wire	200mm
	Blue(-)	AWG18 Solid Wire	200mm
	Blue(-)	AWG18 Solid Wire	200mm
	Blue(-)	AWG18 Solid Wire	200mm

Warranty

5 Years

