



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!



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40-65W Medical AC-DC External Power Supplies

Features

- ◆ DOE Level VI & EU Tier 2 Efficiency Compliant
- ◆ Medical Certifications
- ◆ Class I Input
- ◆ < 0.15W Off-load Power Draw
- ◆ <100µA Touch Current



Key Market Segments & Applications



Medical



RoHS

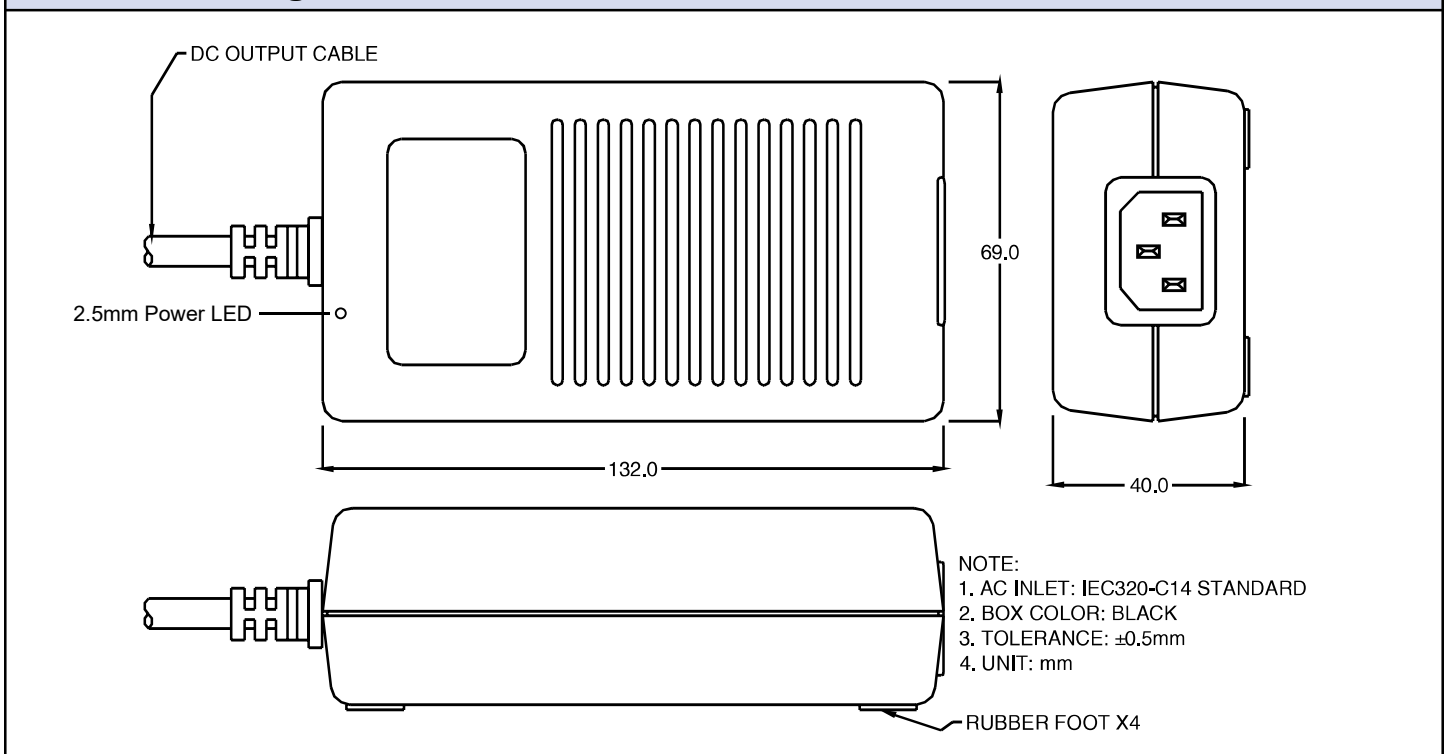
Specifications

Model		
Input Voltage range	-	90 - 264VAC (47 - 63Hz)
Inrush Current	A	<50A at 115VAC, <90A at 230VAC input, 25°C ambient cold start
Input Current	A	2A at 90VAC, Full Load
Offload Power Consumption	W	< 0.15W
Touch Current	µA	<100µA
Power Factor	-	None
Hold Up Time	ms	>10ms at 115VAC input
Temperature Coefficient	-	±0.05%/°C
Voltage Accuracy	%	±1%
Adjustment Range	-	None
Minimum Load	A	None
Total Regulation	%	5V to 15V Models:±5%, >15V models ±3%
Ripple & Noise	mV	1% pk-pk or 120mV whichever is greater
Overload & Short Circuit Protection	-	Continuous - hiccup mode
Overvoltage Protection	%	110 - 170% of nominal (Cycle input power to reset)
Overtemperature Protection	-	Yes (Cycle input power to reset)
Efficiency	%	>89%, average efficiency (5V model: 87.3%)
Operating Temperature	°C	-20 to +60°C derate linearly to 50% load from 51 to 60°C
Storage Temperature	°C	-20 to +85°C
Humidity (non condensing)	%RH	10 - 90% RH
Cooling	-	Convection
Withstand Voltage	VAC	Input to Ground 1.5kVAC, Input to Output 4kVAC (2xMOPPs), Output to Ground 1.5kVAC
Vibration (non operating)	-	23.52m/s ² (10 - 55Hz: constant sweep 1 min X, Y, Z for 1 hour)
Shock	-	< 196.1 m/s ² (20G)
Safety Agency Certifications	-	UL/EN/IEC60601-1, CSA-C22.2 No.60601 3rd edition
Altitude	m	5,000m
Offload Power Consumption	W	< 0.15W
EMC	-	EN55011B, EN60601-1-2, FCC Part 18 Class B
Immunity	-	IEC60601-1-2 Ed4:2014
Weight (Typ)	g	390g
Size (WxLxH)	in (mm)	2.72 x 5.2 x 1.57" (69 x 132 x 40mm)
Cable Length	mm	1050mm (5V model: 600mm)
AC Input Connector	-	IEC 320-C14 (Accepts IEC 320-C13)
Output Connector	-	Kycon KPP-4P or equivalent; Pins 1 & 2: -Vout, Pins 3 & 4: +Vout
Warranty	yrs	Three Years

Output Ratings

Model	Output (V)	Maximum Output (A)	Maximum Power (W)	Efficiency Level
DTM65PW050D	5	8	40	VI
DTM65PW120D	12	5	60	VI
DTM65PW150D	15	4	60	VI
DTM65PW190D	19	3.42	65	VI
DTM65PW240D	24	2.71	65	VI
DTM65PW280D	28	2.32	65	VI
DTM65PW360D	36	1.81	65	VI
DTM65PW480D	48	1.35	65	VI

Outline Drawing



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

