



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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40W to 80W AC-DC External Power Supplies

Features

- ◆ Meet Efficiency Level VI requirements
- ◆ No load Power consumption < 210mW DT62, <150mW DT80
- ◆ Power Factor Correction (DT80)
- ◆ LED ON indicator (Blue)

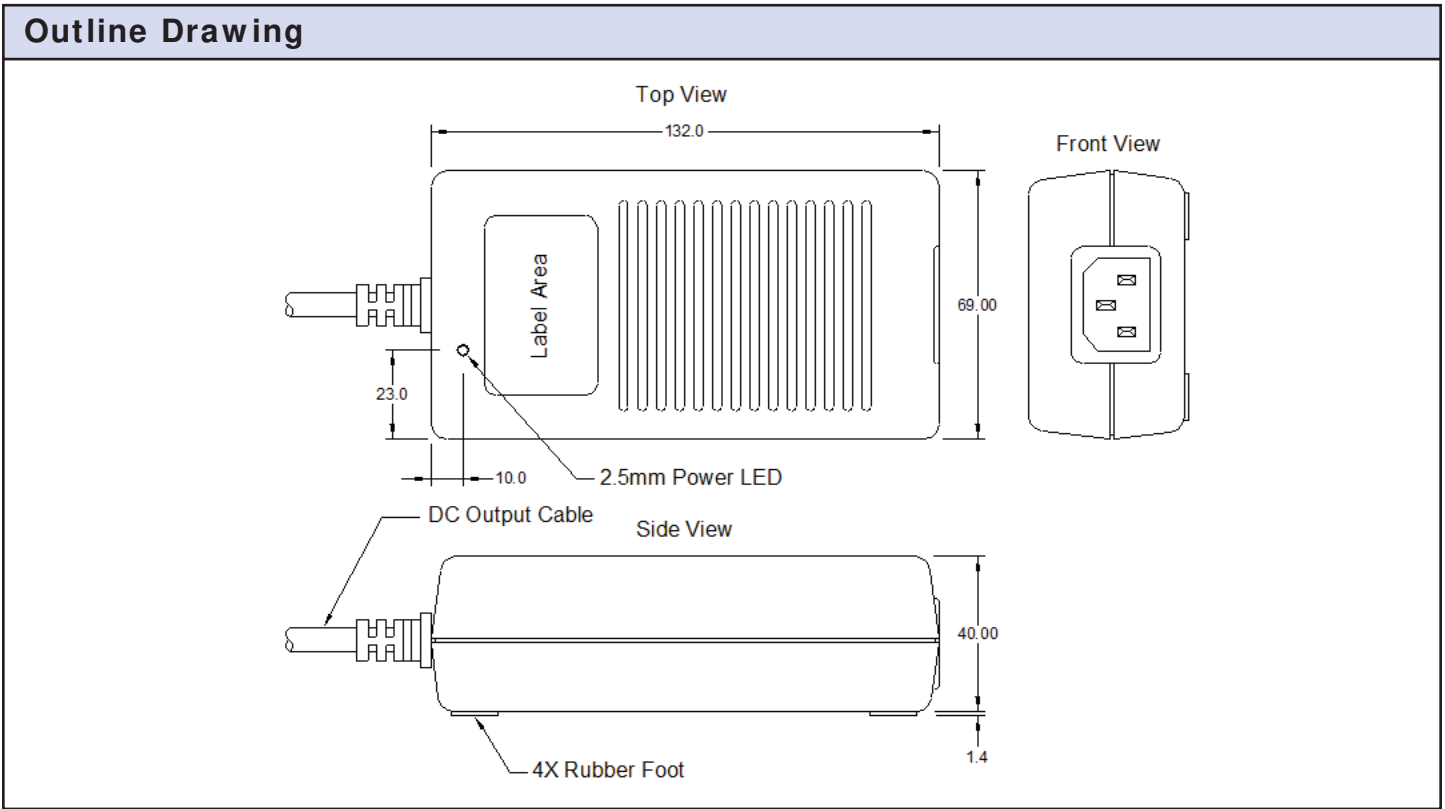
Key Market Segments & Applications



Specifications			
Model		DT62PWxxxD	DT80PWxxxD
Input Voltage range	VAC	90 - 264VAC (47 - 63Hz)	
Inrush Current at 115VAC, cold start 25°C ambient	A	<50A	<75A
Input Current (Maximum)	A	2A (90VAC input)	
Power Factor	-	Meets EN61000-3-2	Typically 0.9 at full load (Meets EN61000-3-2)
Leakage Current (typ, 264VAC 63Hz)	mA	0.7mA	
Hold Up Time (Typ) at 115VAC input, full load	ms	>10ms	>20ms
Temperature Coefficient	°C	±0.05%/°C	
Voltage Accuracy	%	±2%	
Adjustment Range	-	None	
Minimum Load	A	None	
Total Regulation	-	±5%	
Ripple & Noise	%	1% or 240mV (whichever is lower)	240mV
Short Circuit Protection	-	Continuous - hiccup mode	
Oversvoltage Protection	V	110 - 140% of nominal (Cycle input power to reset)	
Efficiency at Average Load	%	>88%	>89% (>87% 9V model)
Operating Temperature	°C	0 to +70°C, derating linearly to 50% load above 50°C	0 to +60°C, derating linearly to 50% load above 40°C
Storage Temperature	-	-10 to +85°C	
Humidity (non condensing)	-	10 - 90% RH	
Cooling	-	Convection	
Withstand Voltage	-	Input to Ground 1.5kVAC, Input to Output 3kVAC (Output is connected to Ground)	
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	-	UL60950-1, EN609501-1, IEC60950-1, CE Mark	
Department of Energy (DOE) regulation	-	See model selector	
EU CoC V.5	-	See model selector	
Offload Power Consumption	mW	<210mW	<150mW
Conducted & Radiated EMI	-	EN55022-B, FCC Class B	
Immunity	-	EN55024	
Weight (Typ)	g	400g	440g
Size (WxLxH)	Inches (mm)	2.72 x 5.2 x 1.57" (69 x 132 x 40mm)	
Cable Length and Thickness	mm	1050mm	
AC Input Connector	-	IEC 320-C14 (Accepts IEC 320-C13)	
Output Connector	-	Kycon KPPX-4P or equivalent Pins 1 & 2: -Vout, Pins 3 & 4: +Vout	
MTBF (MIL-HDBK), 100% load, 25C	Hours	140,000 hours	120,000 hours
Warranty	Years	Three Years	

Output Ratings							
Model	Output (V)	Maximum Output (A)	Maximum Power (W)	DOE		EU CoC V.5	
				V	VI	Tier 1	Tier 2
DT62PW050D	5	8	40	Y	Y*	Y*	-
DT62PW080D	8	5	40	Y	Y*	Y*	-
DT62PW120D	12	5.41	65	Y	Y	Y	Y
DT62PW150D	15	4.33	65	Y	Y	Y	Y
DT62PW190D	19	3.43	65	Y	Y	Y	Y
DT62PW240D	24	2.71	65	Y	Y	Y	Y
DT62PW360D	36	1.81	65	Y	Y	Y	Y
DT62PW480D	48	1.36	65	Y	Y	Y	Y
DT80PW090D	9	8	72	Y	Y*	Y*	-
DT80PW120D	12	6.67	80	Y	Y	Y	Y
DT80PW150D	15	5.34	80	Y	Y	Y	Y
DT80PW180D	18	4.45	80	Y	Y	Y	Y
DT80PW240D	24	3.34	80	Y	Y	Y	Y
DT80PW280D	28	2.86	80	Y	Y	Y	Y
DT80PW480D	48	1.67	80	Y	Y	Y	Y

* Product built after July 2016



Other AC-DC Products	
DT100-150	100-150W Adapters
DTM65-C	65W Medical Adapters
DTM110-C	110W Medical Adapters

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

