

62-80W AC-DC External Power Supplies

Features

- ◆ CEC, EISA⁽¹⁾ & ErP Stage 2 Compliant
- ◆ Wide Range AC Input
- ◆ Power Factor Correction (DT80)
- ◆ Low Profile & Lightweight
- ◆ 85% Efficient

Key Market Segments & Applications

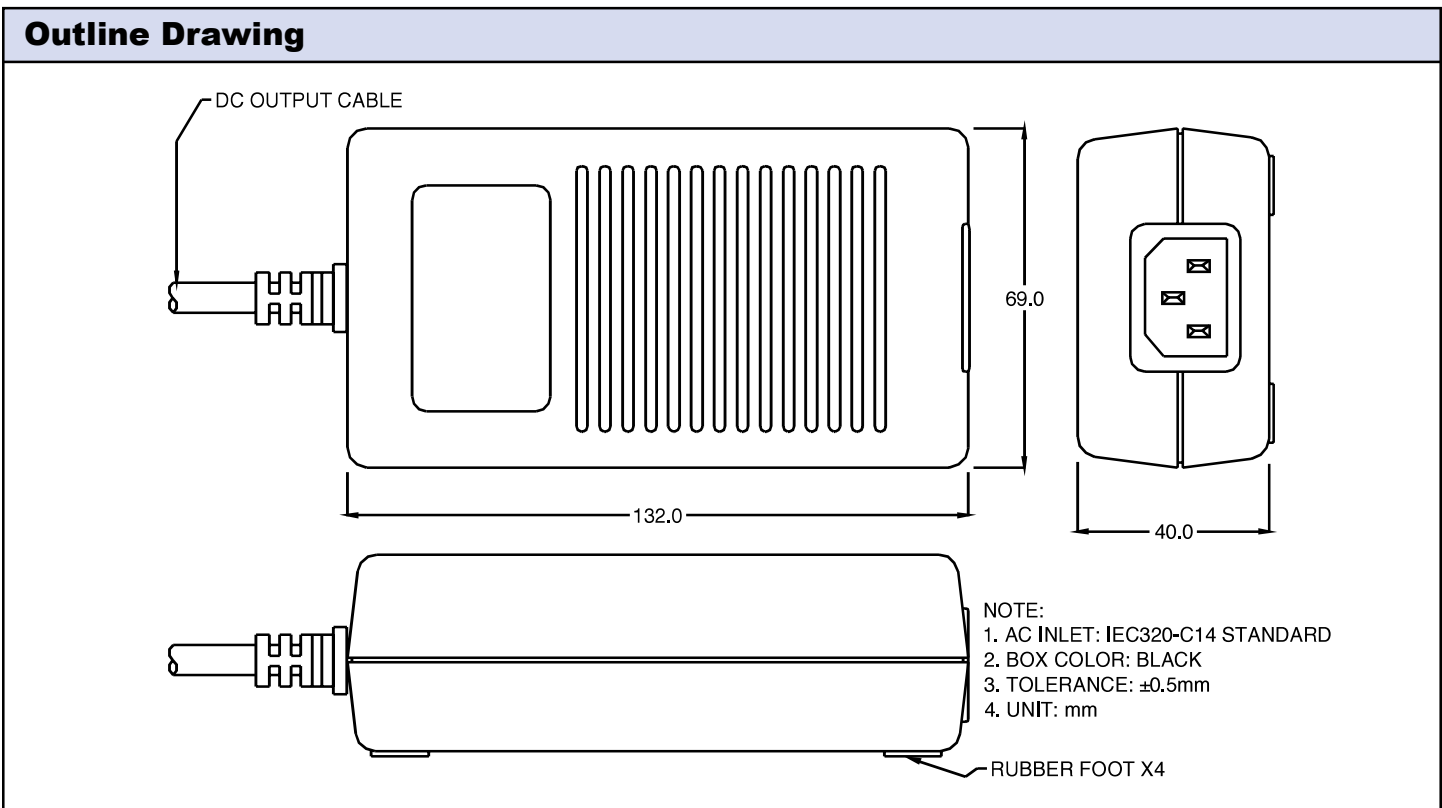


Specifications			
Model		DT62PWxxx-C	DT80PWxxx-C
Input Voltage range	VAC	90 - 264VAC (47 - 63Hz)	
Inrush Current	A	<50A at 230VAC input, 25°C ambient cold start	
Input Current (Maximum)	A	2.5A	
Power Factor	-	None	Typically 0.9 at full load(Meets EN61000-3-2)
Leakage Current (typ, 264VAC 63Hz)	mA	0.7mA	
Hold Up Time (Typ)	ms	16ms at 115VAC input	
Temperature Coefficient	°C	±0.05%/°C	
Voltage Accuracy	%	±1%	
Adjustment Range	-	None	
Minimum Load	-	None	
Total Regulation	-	±5%	
Ripple & Noise	%	1%	
Short Circuit Protection	-	Continuous - hiccup mode (110-160%)	
Overvoltage Protection	V	110 - 130% of nominal (Cycle input power to reset)	
Efficiency	%	>85% typical	
Operating Temperature	°C	0 to +40°C Full load, derate linearly to 50% load at 60°C	
Storage Temperature	°C	-10 to +70°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 Approvals	-	UL60950-1, EN609501-1, IEC60950-1	
California Energy Commission (CEC)	-	See model selector	
EISA (1)	-	See model selector	
Offload Power Consumption	W	< 0.5W	
Conducted & Radiated EMI	-	EN55022-B, FCC Class B	
Immunity	-	EN55024	
Weight (Typ)	g	410g	
Size (WxLxH)	in	2.71 x 5.2 x 1.57	
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-HNBK), 100% load, 25C	hours	223,933 Hours	203,109 Hours
Warranty	yrs	One Year	

(1) EISA - Energy Independence and Security Act of 2007.

Last time buy Oct 2018

Output Ratings							
Model	Output (V)	Maximum Output (A)	Maximum Power (W)	CEC		EISA Level IV	EISA Level V
				IV	V		
DT62PW090C	9	5.56	50	-	-	-	-
DT62PW120C	12	5.17	62	Y	-	Y	-
DT62PW150C	15	4.14	62	-	Y	-	Y
DT62PW180C	18	3.54	64	-	Y	-	Y
DT62PW240C	24	2.59	62	-	Y	-	Y
DT80PW090C	9	8.00	72	-	-	-	-
DT80PW120C	12	6.67	80	Y	-	Y	-
DT80PW150C	15	5.33	80	Y	-	Y	-
DT80PW180C	18	4.45	80	-	Y	-	Y
DT80PW240C	24	3.34	80	-	Y	-	Y



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

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



Last time buy Oct 2018

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Desktop AC Adapters](#) category:

Click to view products by [TDK-Lambda](#) manufacturer:

Other Similar products are found below :

[YS50-1903150](#) [DTA27-3X-W-5](#) [212A2136](#) [ADP485-01](#) [SWA-1202](#) [SWA-1501](#) [212A2220](#) [432703037451](#) [TRH100A280-01E13-Level-VI](#)
[TRH100A280-11E13-Level-VI](#) [TRH50A120-12E01-Level-VI](#) [TRH50A120-40E01-Level-VI](#) [TRH50A150-12E12-Level-VI](#) [TRH50A180-11E03-Level-VI](#) [TRH70A120-11E01-Level-VI](#) [TRH70A150-02E02-Level-VI](#) [TRH70A190-11E03-Level-VI](#) [TRH70A240-11E03-Level-VI](#)
[TRH70A480-11E03-Level-VI](#) [DA10-050US](#) [DTA27-0512FWX-W3](#) [TRH100A120-02E12-Level-VI](#) [TRH100A150-11E12-Level-VI](#)
[TRH100A240-36E13-Level-VI](#) [TRH100A280-12E13-Level-VI](#) [TRH50A120-11E01-Level-VI](#) [TRH50A120-49E01-Level-VI](#) [TRH50A150-12E02-Level-VI](#) [TRH70A120-01E01-Level-VI](#) [KR8-PS01](#) [1894875](#) [FWE030012A-10A](#) [FWE050024B-10A](#) [820A4080G](#) [825A0057-03](#)
[SWA-1704W](#) [AD5012N2LM-\(401\)](#) [DA10-050CH](#) [SDI65-24-UDC-P5R](#) [DA10-050UK](#) [TRH70A180-11E03-Level-VI](#) [TRH21A120-49E03-Level-VI](#) [TRH100A240-12E13-Level-VI](#) [TRH70A150-11E02-Level-VI](#) [TRH70A120-23E11-Level-VI](#) [TRH70A240-02E03-Level-VI](#)
[TRH70A190-12E03-Level-VI](#) [FWE050012B-10A](#) [AC-DC ADAPTER 90W w/ Cable](#) [PWR-247-CE](#)