



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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DA45C Series

45 Watts USB PD 3.0

Data Sheet

Total Power: 45 Watts
Input Voltage: 100 - 240 Vac
of Outputs: Single
Output Voltage: 5 V, 9 V, 15V,
and 20 Vdc
(Changeable)



SPECIAL FEATURES

- Small size: 58 x 40.2 x 27 mm (excluding pins)
- Input range 100 – 240 Vac
- High average loading efficiency 88% min. @ 20 Vdc
- USB Type C connector output
- Operating temp range 0 °C to +40 °C
- Reinforced insulation: 3000 Vac rms
- Overvoltage protection
- Overtemperature protection
- Overcurrent protection
- Elegant enclosure ID design
- USB-PD 3.0 technology compliant
- European Coc v5 T2 & US DoE VI compliant
- One year warranty

SAFETY

- cUL/UL 62368-1, IEC/EN 62368-1
- CCC, FCC, NRCAN, PSE, CE

Electrical Specifications

Input	
Input range	90 - 264 Vac (wide range)
Frequency	47 - 63 Hz
Input current	1.22 A max @ 90 Vac input, 20 Vdc full load
EMI/RFI	FCC Part 15 Class B, EN55032
Leakage current	100 µA @ 250 Vac input
Output	
Voltage (single output)	5 V, 9 V, 15 V, 20 V (four voltage options)
Voltage regulation	± 5%
Maximum power	45 W
Hold-up time	10 msec min @ 115 Vac input, 20 Vdc full load
Overvoltage protection	Latching type, AC recycling is needed
Overcurrent protection	Current limit at > 100%, Hiccup mode
Overtemperature protection	Latching type, AC recycling is needed
Output connector	USB Type C

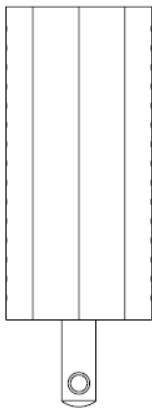
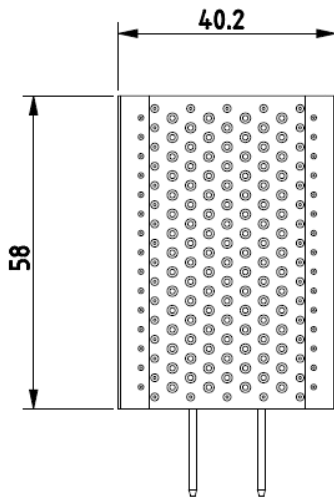
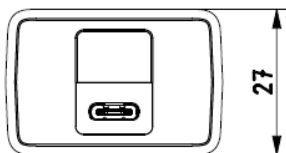
Environmental Specifications

Operating temperature	-0 ° to +40 °C ambient
Storage temperature	-40 °C to +85 °C
Humidity	Operating; non-condensing 5% to 95% RH

Ordering Information

Model Number	Ordering/Safety Model Number	AC Plug	Maximum Power	Output Voltage	Minimum Load	Maximum Load	Regulation	Ripple P/P
DA45C-J3WUS	700-014340-0000	US	45 W	5.0 V	0 A	3.0 A	± 5%	≤ 500 mV
				9.0 V	0 A	3.0 A	± 5%	≤ 500 mV
				15.0 V	0 A	3.0 A	± 5%	≤ 600 mV
				20.0 V	0 A	2.25 A	± 5%	≤ 600 mV
DA45C-J3WCH	700-014340-0100	CH	45 W	5.0 V	0 A	3.0 A	± 5%	≤ 500 mV
				9.0 V	0 A	3.0 A	± 5%	≤ 500 mV
				15.0 V	0 A	3.0 A	± 5%	≤ 600 mV
				20.0 V	0 A	2.25 A	± 5%	≤ 600 mV
DA45C-J3WEU	700-014340-0200	EU	45 W	5.0 V	0 A	3.0 A	± 5%	≤ 500 mV
				9.0 V	0 A	3.0 A	± 5%	≤ 500 mV
				15.0 V	0 A	3.0 A	± 5%	≤ 600 mV
				20.0 V	0 A	2.25 A	± 5%	≤ 600 mV

Mechanical Drawings



AC Plug Configuration for Fixed Plug

U.S. 2-prong	US
China 2-prong	CH
Europe 2-prong	EU

NOTE:

- All dimensions in mm
- PSU weight is 85 grams nominal

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