

## DA45C Series

45 Watts USB PD 3.0

### Data Sheet

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



### 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

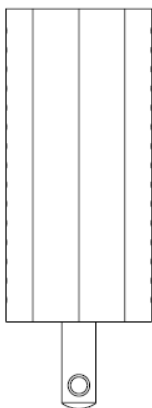
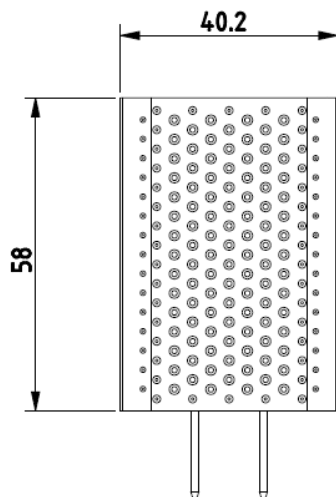
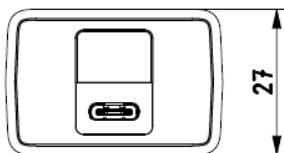
### Environmental Specifications

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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