

45W20V225AUSBC-C

MSA Compliant 45W 20V at 2.25A USB-C Laptop Power Adapter and Cable

Features

- USB 3.1 (C) to NEMA 5-15P
- Output Power: 45W
- Output Voltage: 20V
- Output Current: 2.25A
- Color: Black
- Operating Temperature: 0°C to 40°C



Product Description

This is an MSA Compliant 45W 20V at 2.25A USB-C laptop power adapter specifically designed for most notebooks with a USB-C power connector. Our power adapters are 100% tested and compatible with the intended systems.

Specifications

Parameter	Specification
Amps	2.25A
Connector 1	USB 3.1 (C)
Connector 1 Gender	Male
Connector 2	NEMA 5-15P
Connector 2 Gender	Male
Family Type	Laptop Power Adapter
Tip Size	USB-C
Type	USB 3.1 (C) to NEMA 5-15P
Volts	20V
Watts	45W

Input Characteristics	
AC input voltage rating:	100VAC to 240VAC
AC Variation Range	90VAC to 265VAC
AC input frequency:	50/60Hz
Variation Frequency	47/63Hz
Input current	1.2A max
Efficiency	More than 83% (at 100V/240VAC/50Hz input with full load)
Standby power	<1W
Output Characteristics	
Output Power	45W
Output Voltage	20V/15V/9V/5V
Output Current	2.25A, 3A (5V to 15V)
Tip Size	Type C
Turn On Delay Time	10-second maximum at 110VAC input and output maximum load
Rise time	40ms maximum at 110VAC input and output maximum load
Hold Up Time	10mS minimum At 110VAC input and output maximum load
Protection Features	
Short Circuit Protection	The power supply will be auto-recovered when short circuit faults removed
Over Current Protection	The power supply will be auto-recovered when faults removed
Over Voltage Protection	The power supply will not be auto-recovered until faults removed
Environmental Conditions	
Operating Temperature	0°C to 40°C, full load, normal operation
Storage Temperature	-20°C to 55°C
Relative Humidity	5% (0°C) to 90% (40°C) RH, 70Hrs, full load, normal operating
Test Procedures	
No-load output voltage test - Input power load test - No-load output ripple test - Full load open test - Full load output voltage test -Full load output ripple test-Full load input power test-Half load output voltage test-Half load output ripple test-Over load test-Over current protection test-Short circuit protection test-High voltage test- Burn in test- Turn on delay time test-Rise time test-Hold time test	

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