

Data sheet

# HP 65W GaN USB-C Laptop Charger



## Powerfully Petite

Our 65W laptop charger is kind of a big deal. It plays well with most USB-C<sup>®</sup> devices<sup>1</sup>, packs two powerful ports for simultaneous charging, and it's smaller than ever<sup>2</sup>. Pack this petite power player and enjoy fast charging wherever you roam and the efficiency of gallium nitride (GaN) technology.

## Tiny But Mighty

Travel easily with this petite powerhouse. Even though it's compact, you get all the benefits of fast charging. It's 20% smaller than our last-gen 65W laptop charger<sup>2</sup> and its gallium nitride (GaN) technology packs even more power while staying efficient. Now don't let all that power go to your head.

## Fast Charging. Universal Power

Charge your laptop and other devices quickly with the fast charging capabilities<sup>3</sup> of USB-C<sup>®</sup>. Enjoy fast charging with most USB-C<sup>®</sup> devices, not just HP products<sup>1</sup>. Your device ecosystem is now wide open and ready to power up.

## Simultaneous USB-C<sup>®</sup> Charging

Two USB-C<sup>®</sup> ports to multitask your charging needs. Phone and laptop. Laptop and tablet. Tablet and toothbrush? Whatever powers your day plugs in here<sup>4</sup>.

## Sustainably Made

The charger itself contains 30% PCR (post-consumer recycled) plastic materials<sup>5</sup> and the packaging is 100% sustainably sourced and recyclable<sup>6</sup>.

1. Compatible with most devices that charge using USB-C<sup>®</sup>. Non-HP listed compatible products tested internally by HP.

2. According to HP's internal analysis on the size difference of the last generation 65W laptop charger (HP 65W USB-C Slim Travel Power Adapter) and the HP 65W GaN USB-C Laptop Charger.

3. Supports these select fast charging protocols: PD/PPS/QC5.0/AFC.

4. Supported outputs when both ports active will depend on devices being charged.

5. HP 65W GaN USB-C Laptop Charger contains 30% post consumer recycled plastics. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.

6. 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

## Specifications



**HP 65W GaN USB-C Laptop Charger**

<b>Part number</b>	600Q8AA
<b>Dimensions</b> (HxWxD)	2.95 x 2.1 x 0.86 in (7.5 x 5.35 x 2.2 cm)
<b>Weight</b>	0.24 lbs (110g)
<b>Input</b>	<p><b>Input efficiency</b> 81.5% min at 115 Vac/ 230Vac @ 5V/3A 86.7% min at 115 Vac/ 230Vac @ 9V/3A 88% min at 115 Vac/ 230Vac @ 12V/5A 89% min at 115 Vac/ 230Vac @ 15V/4.33A 89% min at 115 Vac/ 230Vac @ 20V/3.25A</p> <p><b>Input frequency range</b> 47 ~ 63 Hz</p> <p><b>Input AC current</b> 1.6 A at 90 VAC and maximum load</p>
<b>Output</b>	<p><b>Output power</b> 65W</p> <p><b>DC output</b> 5V/9V/12V/15V/20V</p> <p><b>Hold-up time</b> 5ms at 115 Vac input</p> <p><b>Output current limit</b> 8.0A Maximum</p> <p><b>Over-Voltage Protection</b> 5V: 7.25V@OVP 9V: 13.05V@OVP 12V: 15.8V@OVP 15V: 21.75V@OVP 20V: 29V@OVP</p>
<b>Power rating</b>	<p><b>Input</b> 100-240V ~ 1.6A 50-60Hz Wide Range input</p> <p><b>Single output</b> 5.0/9.0/12.0/15.0/20.0V DC 3.0/3.0/5.0/4.33/3.25A 15.0W/65.0W Max (PPS 3.3-20.0V DC 3.25A Max, 10.8/65.0W Max)</p> <p><b>Double output</b> 5.0/9.0/12.0/15.0/20.0V DC 3.0/3.0/3.0/3.0/2.25A +5.0/9.0/12.0/15.0/20.0V DC 3.0/2.22/1.66/1.33/1.0A 30.0W/65.0W Max (PPS 3.3-20.0V DC 2.25A Max +3.3-20.0V DC 1.0A Max, 10.8W/65.0W Max) or 5.0/9.0/12.0/15.0/20.0V DC 3.0/3.0/2.5/2.0/1.5A +5.0/9.0/12.0/15.0/20.0V DC 3.0/3.0/2.5/2.0/1.5A 30.0W/65.0W Max (PPS 3.3-20.0V DC 1.5A Max +3.3-20.0V DC 1.5A Max, 9.9W/60.0W Max)</p>
<b>Connector</b>	USB TYPE C
<b>Operating temperature</b>	32°F to 95°F (0° to 35°C)
<b>Non-operating (storage) temperature</b>	-4°F to 185°F (-20° to 85°C)
<b>Altitude</b>	0 to 16,400 ft (0 to 5000m)
<b>Humidity</b>	20% to 95%
<b>Storage humidity</b>	10% to 95%
<b>EMI and safety certifications</b>	<ul style="list-style-type: none"> <li>- CE Mark - full compliance with LVD and EMC directives</li> <li>- Worldwide safety standards -IEC60950, EN60950, UL60950, UL62368, Class1, SELV; Agency approvals - C-UL-US, DENAN, EN55022 Class B, FCC Class B, CISPR32 Class B, CCC, NOM-1 NYCE.</li> <li>- MTBF - over 100,000 hours at 25°C ambient condition.</li> </ul>
<b>What's in the box</b>	HP USB-C 65W GaN Laptop Charger, Power cord, USB-C to USB-C cable, Product notice and Warranty card.
<b>Country of origin</b>	China



## Additional information



### HP 65W GaN USB-C Laptop Charger

HP Product number	Product UPC	Product JAN	HTS code
600Q8AA#ABL	196786247187		8504407007
600Q8AA#ABM	196337695085		8504407007
600Q8AA#AC4	196337695139		8504407007
600Q8AA#AC8	196337695146		8504407007
600Q8AA#AKH	196337695160		8504407007
600Q8AA#ABG	196337695078		8504407007
600Q8AA#AB2	196337695047		8504407007
600Q8AA#ABJ	196337696365	4573595760353	8504407007
600Q8AA#AB1	196337695023		8504407007
600Q8AA#UUF	196337695177	4573595760384	8504407007
600Q8AA#AB0	196337695016		8504407007
600Q8AA#ABB	196337695061		8504407007
600Q8AA#ABU	196337695108		8504407007
600Q8AA#ABY	196337695115		8504407007
600Q8AA#UUZ	196337695184		8504407007
600Q8AA#ACQ	196337695153		8504407007
600Q8AA#ABT	196337695092		8504407007
600Q8AA#ABZ	196337695122		8504407007
600Q8UT#ABA	196337695214		8504407007
600Q8ET#ABB	196337695191		8504407007
600Q8ET#ABU	196337695207		8504407007

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