




# Dell Wireless Charging Mat PM30W17

User's Guide



# Notes, Cautions, and Warnings

-  **NOTE:** A NOTE indicates important information that helps you make better use of your product.
-  **CAUTION:** A CAUTION indicates potential damage to hardware or loss of data if instructions are not followed.
-  **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

**Copyright © 2017 Dell Inc. All rights reserved.** This product is protected by U.S. and international copyright and intellectual property laws.

Dell™ and the Dell logo are trademarks of Dell Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies.

2017 – 04

Rev. A00

# Contents

- About Your Wireless Charging Mat . . . . . 4
- Package Contents . . . . . 5
- Identifying Parts and Controls . . . . . 6
- Setting Up Your Wireless Charging . . . . . 7
- Troubleshooting . . . . . 12
- Specifications . . . . . 13
  - General . . . . . 13
  - Physical Characteristics . . . . . 13
  - Environmental . . . . . 13
  - Cleaning . . . . . 13
- Statutory Information . . . . . 14
- Regulatory & Certifications . . . . . 15
- Contacting Dell . . . . . 18

# About Your Wireless Charging Mat

---

PM30W17 is an AirFuel certified resonant type wireless charging mat and its features include:

## Product features

Offers easy and convenient charging for notebooks.

Charge your notebook conveniently by simply placing it on the mat without having to plug in power cables.

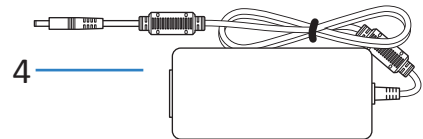
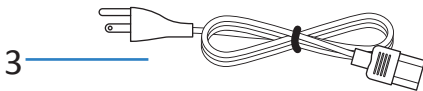
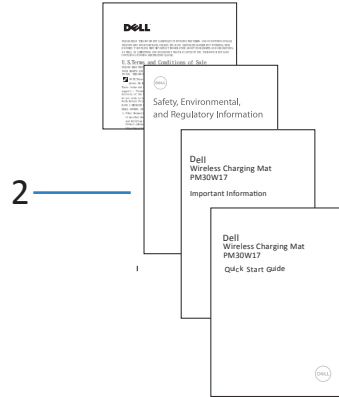
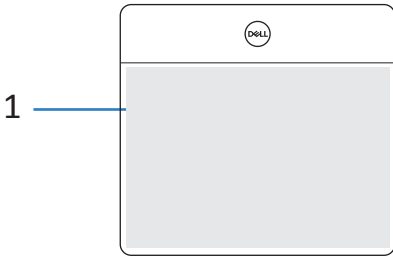
## Compliance

Compatible with selected Dell notebooks.

Suitable for Category 5 AirFuel certified PRUs.

# Package Contents

The Wireless Charging Mat is shipped with the following:



1 Wireless Charging Mat

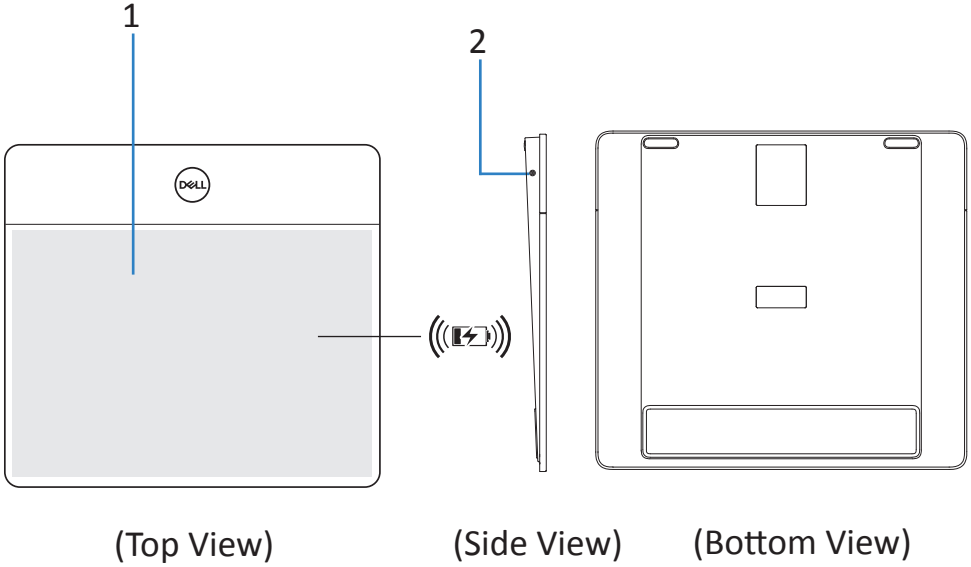
2 Documents

3 AC Power Cable

4 AC Adapter

# Identifying Parts and Controls

## Wireless Charging Mat



1 Charging Area

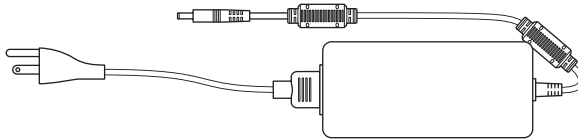
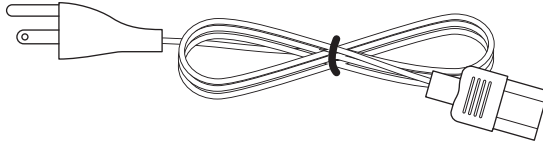
2 Power In Port (DC Jack)

# Setting Up Your Wireless Charging

---

1. Install the AC power cable to the AC adapter.

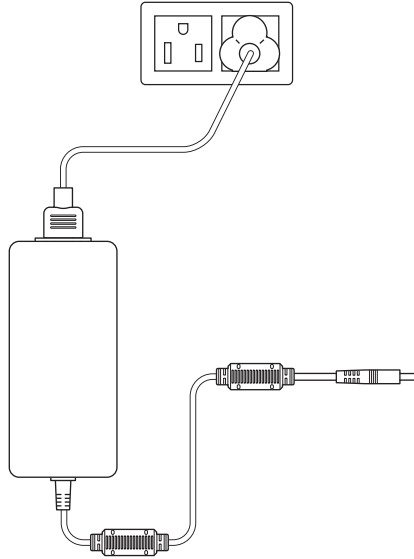
- NOTE: The end-user is required to use the included AC power cable. This is a special shielded AC power cable that is required for EMI compliance.



# Setting Up Your Wireless Charging

---

2. Connect the AC power cable to the AC source.

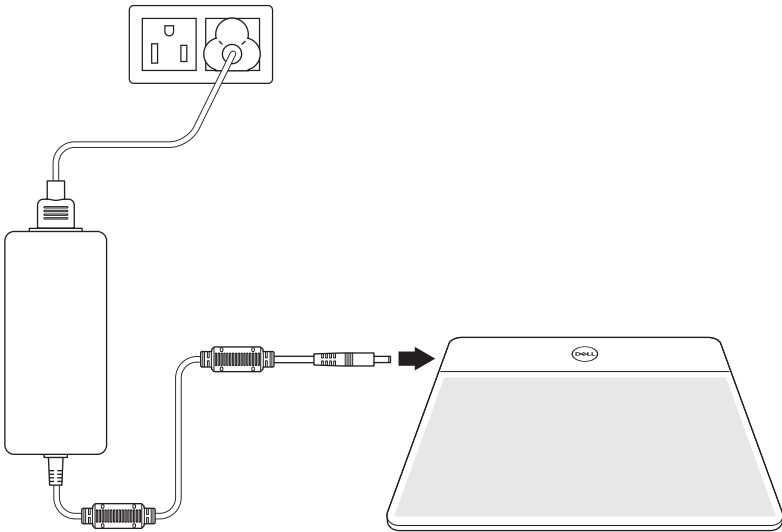




# Setting Up Your Wireless Charging

---

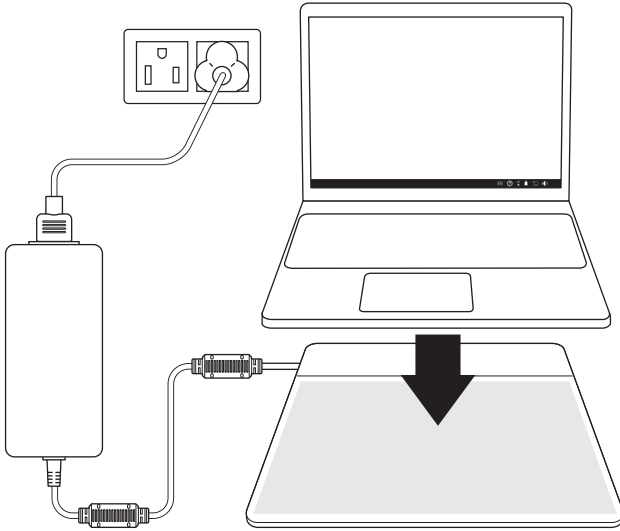
3. Place the PM30W17 Wireless Charging Mat on a non-metallic work surface or desk.
4. Insert the DC plug of the AC adapter into the DC jack of PM30W17 Wireless Charging Mat.



# Setting Up Your Wireless Charging

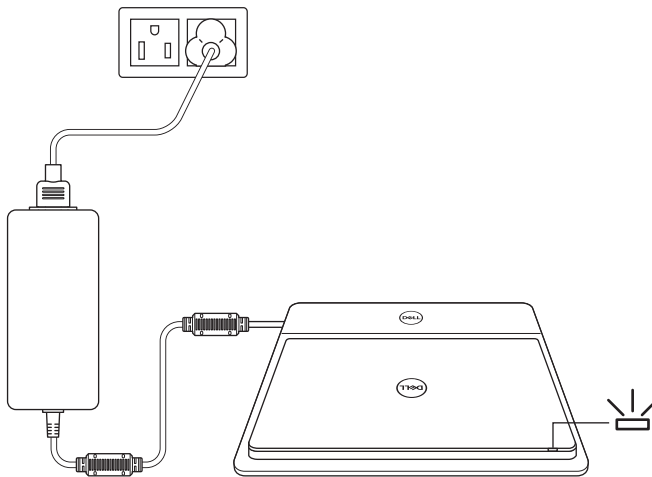
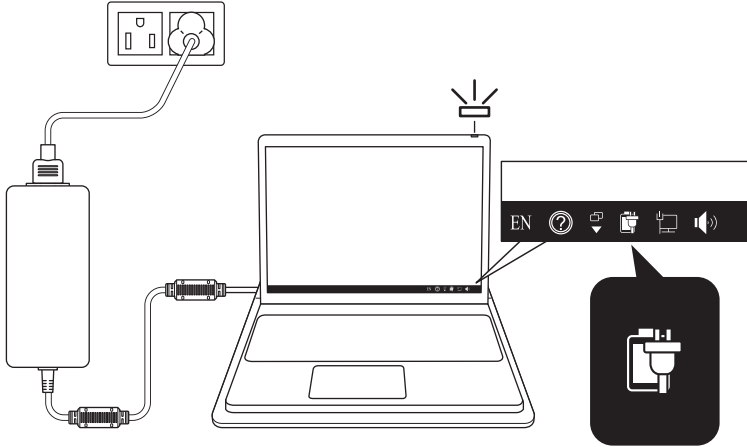
---

5. Place the laptop on the charging area of the wireless charging mat.



# Setting Up Your Wireless Charging

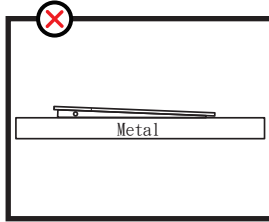
6. Once charging is started you can see the charging icon on your laptop and LED on the tablet will glow.



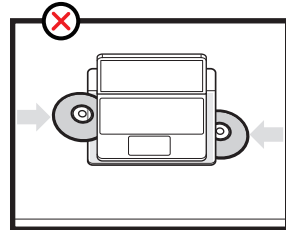
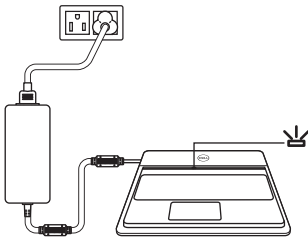
If wireless charging is not working, see Troubleshooting section.

# Troubleshooting

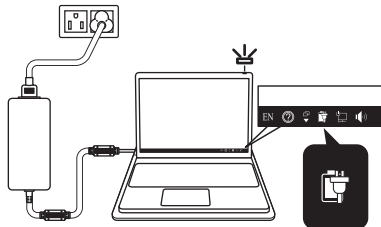
- Ensure that the correct AC adapter is plugged into the charging mat and AC input is connected and supplied to the adapter.
- Ensure that the charging mat is not placed directly on metal table or if using a metal table ensure there is at least a 5-cm gap between the metal table and the charging mat.



- Place a known working wireless charging keyboard on the charging mat and check to see if the LED lights up. The keyboard must be placed within the charging area and that no object inserted between the keyboard/Mat and/or Mat/table.



- Or if using a tablet connected to the wireless charging keyboard, then check that the battery indicator displays charging.



- If all the above troubleshooting steps fail, then the charging mat may have malfunctioned. Please contact Dell Support for assistance.

# Specifications

---

## General

Model Number	PM30W17
PTU Rated Power	20W (AirFuel mode) 30W (Dell on Dell mode)
AC Adapter	DPS-60AB-6
Input voltage	110VAC - 240VAC
Input Frequency	50Hz to 60Hz
Output	24V/60W

---

## Physical Characteristics

Weight	645 g (Charging Mat only)
Dimension(L x W x H)	312.00 X 283.82 X 17.73(mm)
DC Cable length	2.0 m
AC Cable length	1.0 m

---

## Environmental

Temperature	Operating: 0°C to +40°C Storage: -20 °C to +65 °C
Humidity	Operating: 95% (Max) Storage: 85% (Max)

---

## Cleaning

Clean the product with a damp cloth. Do not use any organic solvent like alcohol.

# Statutory Information

---

## Warranty

### Limited Warranty and Return Policies

Dell-branded products carry a 1-year limited hardware warranty.

#### ***For U.S. customers:***

This purchase and your use of this product are subject to Dell's end user agreement, which you can find at <http://www.dell.com/terms>. This document contains a binding arbitration clause.

# Regulatory & Certifications

---

Dell Wireless Charging Mat Model: PM30W17

Regulatory Model: PM30W17

AirFuel: PTU-17-0002

## Regulatory Information

Dell Bluetooth/wireless devices must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.

Dell Inc. is not responsible for any radio or television interference caused by unauthorized modification of the devices included with this Dell Bluetooth/wireless device kit, or the substitution or attachment of connecting cables and equipment other than that specified by Dell Inc.

The correction of interference caused by such unauthorized modification, substitution or attachment is the responsibility of the user.

Dell Inc. and its authorized resellers or distributors are not liable for any damage or violation of government regulations that the user failing to comply with these guidelines.

## United States, FCC Notices

### FCC Radiation Exposure Statement



**WARNING:** The radiated output power of Dell Bluetooth/wireless devices is far below the FCC radio frequency exposure limits.

Nevertheless, Dell Bluetooth/wireless devices should be used in such a manner that the potential for human contact during normal operation is minimized.

This device has also been evaluated for and shown compliant with the FCC RF exposure limits under portable exposure conditions (antennas are within 0 cm of a person's body) when installed in certain specific OEM configurations. Details of the authorized configurations can be found at [Fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.cfm](http://Fjallfoss.fcc.gov/oetcf/eas/reports/GenericSearch.cfm) by entering the FCC ID number on the device.

# Regulatory & Certifications

---


## Interference Statement

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules.

This device complies with Part 15 and Part 18 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

 **NOTE:** The FCC regulations provide that changes or modifications not expressly approved by Dell Inc. could void your authority to operate this equipment.

These limits are designed to provide reasonable protection against harmful interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference with radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:


- Reorient the receiving antenna.
- Relocate the system with respect to the receiver.
- Move the system away from the receiver.
- Plug the system into a different outlet so that the system and the receiver are on different branch circuits.



# Regulatory & Certifications

---

If necessary, consult a representative of Dell Inc. or an experienced radio/television technician for additional suggestions.

 **NOTE:** Dell Bluetooth/wireless devices must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.

Any other installation or use will violate FCC Part 15 regulations.

Modifications not expressly approved by Dell could void your authority to operate the equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **Radiation Exposure Statement:**


The product complies with the FCC RF Exposure for Low Power Consumer Wireless Power Transfer. RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure that compliance was demonstrated at 0cm and greater separation from the user body or set the device to lower output power if such function is available.

The information required for devices that have been approved using FCC's certification procedures for Part 18 and with Bluetooth transceiver will need the following information:

This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45–30 MHz.

# Contacting Dell

---

 NOTE: If you do not have an active Internet connection, you can find contact information on your purchase invoice, packing slip, bill, or Dell product catalog.

Dell provides several online and telephone-based support and service options. Availability varies by country and product, and some services may not be available in your area. To contact Dell for sales, technical support, or customer service issues:

1. Go to [Dell.com/support](https://www.dell.com/support).
2. Select your support category.
3. Verify your country or region in the Choose a Country/Region drop-down list at the bottom of the page.
4. Select the appropriate service or support link based on your need.