

About this book

This user's guide is divided into three parts:

Part 1: Must-read safety information

Before installing this product, read the Safety Information.

Part 2: Installation and user's guide

This guide contains the product description and expanded installation instructions.

Part 3: Appendixes

The appendix contains information on help and services.

Note: The illustrations in this manual might be slightly different from your hardware.

Part 1. Must-read safety information

- Always observe the following precautions to reduce the risk of injury and property damage.

Note: Do not attempt to service a product yourself unless instructed to do so by the Customer Support Center.

Note: Do not disassemble the product yourself unless instructed to do so by the Customer Support Centre. This is because dangerous levels of voltage, current and energy are present inside the components.

Power cords and power adapters

Never wrap a power cord around the power adapter or other object. Doing so can stress the cord in ways that can cause the cord to fray, crack or crimp. This can present a safety hazard.

Always route power cords so that they will not be walked on, tripped over, or pinched by objects.

Protect the cord and power adapters from liquids. For instance, do not leave your cord or power adapter near sinks, tubs, toilets, or on floors that are cleaned with liquid cleansers. Liquids can cause a short circuit, particularly if the cord or power adapter has been stressed by misuse. Liquids can also cause gradual corrosion of the power cord terminals and/or the connector terminals on the adapter which can eventually result in overheating.

Always connect power cords and signal cables in the correct order and ensure that all power cord connectors are securely and completely plugged into receptacles.

Do not use any power adapter that shows corrosion at the ac input pins and/or shows signs of overheating (such as deformed plastic) at the ac input or anywhere on the power adapter.

Do not use any power cords where the electrical contacts on either end show signs of corrosion or overheating or where the power cord appears to have been damaged in any way.

Plugs and outlets

If a receptacle (power outlet) that you intend to use with your computer equipment appears to be damaged or corroded, do not use the outlet until it is replaced by a qualified electrician.

Do not bend or modify the plug. If the plug is damaged, contact the manufacturer to obtain a replacement.

Some products are equipped with a three-pronged plug. This plug fits only into a grounded electrical outlet. This is a safety feature. Do not defeat this safety feature by trying to insert it into a non-grounded outlet. If you cannot insert the plug into the outlet, contact an electrician for an approved outlet adapter or to replace the outlet with one that enables this safety feature. Never overload an electrical outlet. The overall system load should not exceed 80 percent of the branch circuit rating. Consult an electrician for more information if you have questions about power loads and branch circuit ratings.

Be sure that the power outlet you are using is properly wired, easily accessible, and located close to the equipment. Do not fully extend power cords in a way that will stress the cords.

Connect and disconnect the equipment from the electrical outlet carefully.

Heat and product ventilation

Computers, ac power adapters, and many accessories can generate heat when turned on and when batteries are charging. Always follow these basic precautions:

1. Do not leave your computer, ac power adapter, or accessories in contact with your lap or any part of your body for an extended period when the products are functioning or when the battery is charging. Your computer, ac power adapter, and many accessories produce some heat during normal operation. Extended contact with the body could cause discomfort or, potentially, a skin burn.

2. Do not charge the battery or operate your computer, ac power adapter, or accessories near flammable materials or in explosive environments.

3. The adapter will produce a lot of heat during operation. Be sure to expose the adapter to air. Do not cover the adapter with anything that would prevent heat from dissipating

4. Attention:

Place the power adapter out of reach of children.

Power supply statement

Never remove the cover on a power supply. This is because dangerous voltage, current and energy levels are present inside the components. If you suspect that these components are faulty, please contact DONGERDI.

Part 2. Installation and user's guide

The DONGERDI AC Adapter powers your notebook computer using a standard ac power cord. It also charges your notebook computer battery.

Product description

This package includes:

- One DONGERDI AC Adapter
- One standard AC power cord

The adapter has a cable extending from one end of the adapter that connects to your notebook computer.

Using the adapter

The power adapter can be connected to a standard AC electrical socket. During operation, if the power adapter detects a fault, such as a short circuit or high temperature, the power adapter will shut down automatically to prevent damage.

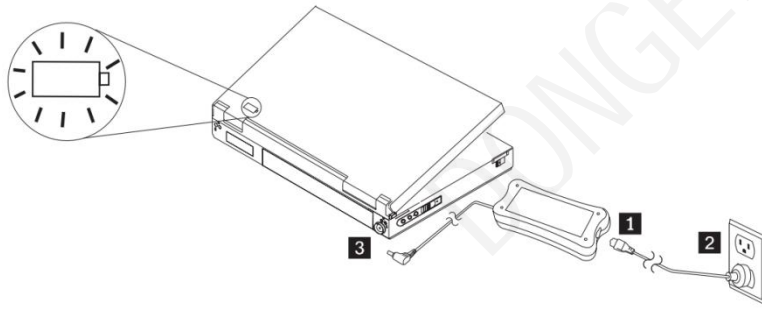
Notes:

1. When the adapter shuts down due to a fault it will be latched off until the fault is removed AND the adapter is disconnected from the power source for at least 10 seconds.
2. The adapter needs adequate ventilation for proper operation. It is normal for the adapter to be warm to touch during use.

Connecting the adapter to a standard AC electrical outlet

To use the power adapter with a standard electrical outlet, complete these steps:

1. Plug the smaller end of the AC power cord (see 1 in the illustration below).
2. Insert the large end of the cord into the standard electrical outlet, (see 2 in the illustration below).
3. Insert the smaller, tipped connector into the power connector of your notebook computer (see 3 in the illustration below). Make sure the notebook computer is charging by checking the power icon on the system tray on the computer display. The icon displays as a plug if the computer is charging or as a battery if it is not.



Product specifications

Compatibility	MSI Notebooks with 5.5*2.5mm tip
Input	100-240V ~ 3.5A 50-60Hz
Output	19.5V 11.8A
Maximum Power	230W
Connector	5.5*2.5mm tip
Warranty	1 year

Part 3. Appendix.

Troubleshooting

Before contacting Service and Support, complete these steps to verify if your adapter is defective: Inspect your adapter.

- a. Inspect case for any damage (for example, cracks, deformations, or exposure to water).
- b. Inspect cables for any damage (for example, cracks, cut, or exposed wiring).
- c. If any damage is found, discontinue use of the adapter and contact Service and Support for replacement parts.

Ensure all of the connectors are firmly seated at the power receptacle, the input side of adapter, and the notebook computer.

Ensure the adapter has adequate ventilation. The adapter might overheat and shut down if it is operated too long in a confined area.

Check the AC receptacle by connecting a known working device (for example, a lamp). If the AC receptacle is not working, verify that your circuit breaker or fuse panel.

Connect the adapter to your notebook computer:

- a. If the adapter immediately shuts off, check your notebook computer connector for looseness or damage. Try connecting the original AC adapter to your notebook computer. If the original AC adapter operates correctly, contact Service and Support for a replacement adapter.
- b. If the adapter works for a period of time and then shuts off, check to ensure that the adapter has proper ventilation. It is normal for the adapter to feel warm when you touch it.

Note: The adapter is designed to shut down and latch off when a fault is detected. The fault must be removed AND the adapter must be disconnected for at least 10 seconds before you can reset the adapter.

Frequently Asked Questions

Is it normal for the adapter to be warm during operation?

Yes, it is normal that the adapter will produce heat during operation.

Will it be a problem if the power adapter is covered by papers in an office setting?

Yes. Do not cover the adapter with anything that would prevent heat from dissipating. The adapter must be exposed to air.

Will the charger stay connected to the plug-in board when I am away for an extended period of time?

No, you can't do that. You must disconnect the charger from the electrical plug-in board.

Is the adapter still usable if the case cracks or the power cord breaks?

No. Stop using the adapter. It is unsafe to use it if the case is cracked or the power cord is broken. Contact DONGERDI Service and Support (support-team@dongerdi.com) immediately.

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