



PWI-DC100

User's Manual
Prudent Way Universal Notebook DC Power Adapter
PWI-DC100

**Prudent Way Universal Notebook DC Power Adapter User's Manual
Model: PWI-DC100**

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Thank you for choosing Prudent Way Universal Notebook DC Power Adapter. Please take the time to read all instructions in this user manual carefully before using the Adapter. Please note that failure to follow the proper instructions may cause fire, electric shock, injury, or damage to electronic devices.

We sincerely hope that you find this quality Adapter provides you with many years of good service.

1. Major Features

- Adjustable 16-20V output fits specific notebook models needs.
- 9 pieces of tip connector for use with most major notebook brands such as IBM, Dell, Toshiba, Compaq, Asus, Acer, HP, Sony and More*.
- RoHS compliancy is friendly to environment.
- High efficiency & full power protection.

2. Safety & Warning

Please read the following information carefully before using the power adapter!

- ! This power adapter is for indoor use only.
- ! This power adapter is for use within any vehicle with a 12V DC cigarette lighter socket, such as a car, truck, RV, or boat with this style of in-seat power system.
- ✘ DO NOT disassemble this Adapter. There are HAZARDOUS VOLTAGES inside the power adapter. Disassembling the Adapter may expose you to high voltage or other risks. Incorrectly reassembly may cause electronic shock the next time when the device is used. Warranty will be voided by doing so.
- ✘ DO NOT expose the Adapter and related information technology equipment to water or moist, dusty or extreme temperature environment such as direct sunlight, heat sensitive material or any heat generated sources such as a radiator, stove, or car.
- ✘ DO NOT block the ventilation. The ventilation is designed to protect the Adapter from overheating.
- ✘ DO NOT place the Adapter in a built-in installation, or on a surface such as a bed, sofa, or rug.
- ✘ DO NOT use wet hands to plug or unplug the cable and connector to avoid electric shock.
- ✓ DO follow all warnings and instructions marked on the product, package and this manual.
- ✓ DO start automobile engine prior to plug in this Adapter.
- ✓ DO remove any power sources from this Adapter before attempting any cleaning to avoid electrical shock. Use a dry cloth only.
- ✓ DO place the cable properly so it will not be stepped on or tripped over.
- ✓ DO unplug the Adapter and contact the dealer from which it was purchased when:
 - The Adapter is damaged.
 - The Adapter does not perform properly.
 - The Adapter has been exposed to water.

3. Contents

	PWI-DC100
DC power adapter	100-watt
9 tip connectors	✓
In-Auto connector	✓
Output cable	✓
User manual	✓

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4. Using your Prudent Way Universal Notebook DC Power Adapter

- Step 1. Read the Safety and Warning information above.
- Step 2. Please refer to your notebook computer user manual or check on the back of the notebook computer to find the correct input voltage requirement for your notebook computer. Select proper input voltage (16V, 18V, 19V, and 20V) on the Adapter to fit your notebook computer need (Picture 1).
- Step 3. Choose correct tip connector to fit your notebook power socket and connect it to the Adapter output cable (Picture 2).

Note! Each tip connector has a special 2-pin design with one pin larger than the other to make sure you do not plug the tip connector to the wrong hole on the Adapter output cable and cause damage to your notebook. If you experience difficulty to plug the tip connector to the holes on the output cable, please check if you plug it to the wrong direction.

- Step 4. Connect the other end of the tip connector to the power socket of your notebook (Picture 3)
- Step 5. Turn on your vehicle engine if you have not done so. Remove the vehicle's cigarette lighter from its socket.

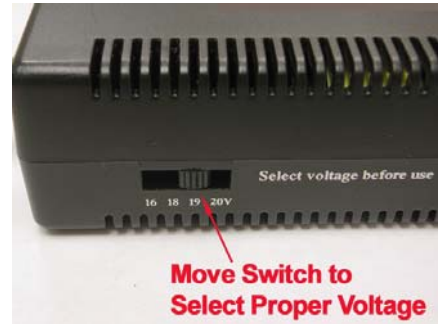
Note! Cigarette lighter may be hot enough to burn your skin or other material. Please remove it carefully and store after it is cool completely.

- Step 6. Insert the Adapter's In-Auto connector into the 12V DC cigarette lighter socket (Picture 4).

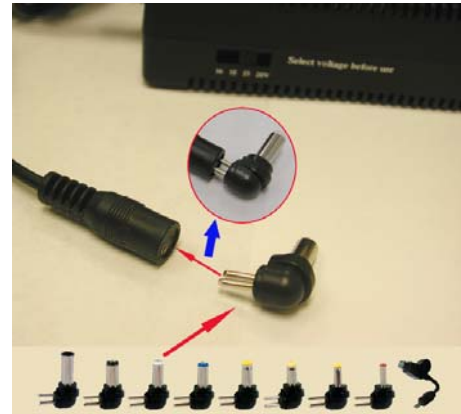
Note! Please avoid starting your vehicle's engine while the Adapter's In-Auto connector is connected to the cigarette lighter to prevent power interruption and any damages to your notebook and/or its software.

- Step 7. Turn on and use your notebook.

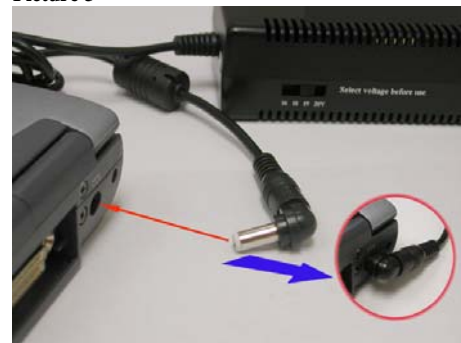
Picture 1



Picture 2



Picture 3



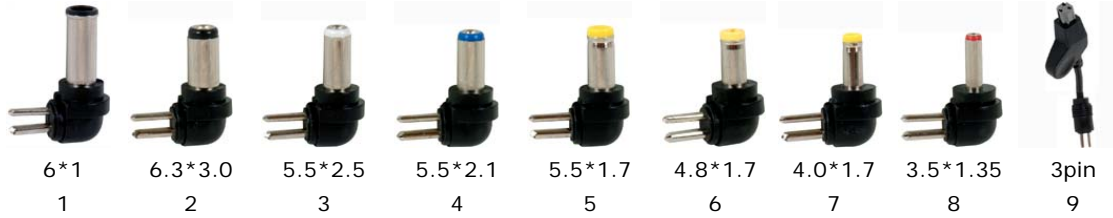
Picture 4



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Chart 1



5. Product Specification

	PWI-DC100
FEATURES	
Output Power (Max.)	100W
Battery Low Voltage Protection < 10.5V (-+0.3A)	Yes
Short Circuit Protection	Yes
Line Regulation	1%
Load Regulation	1%
Switching Mode	Universal switching-mode power adapter for notebook
Special Connectors	9 pieces tip connector including 3-pin connector for Dell notebook*
Efficiency	> 80% (TYP)
Ripple noise	500mV
DIMMENSIONS	
Unit Size	4.50" x 2.4" x 1.38"
Net Weight	9.5 Ounces
OUTPUT	
Output Voltage (0/+0.5V No Load)	16V/18V/19V/20V DC16V-20V
Output Voltage (-0.1/+0.8V @rating load)	16V/18V/19V/20V DC16V-20V
Output Current	16V/18V/19V/20V @ 5A 5AMP (max)
INPUT	
Rated Input Voltage	DC12V
Vibration Input Voltage Range	DC12V-16V
Input Rated Current	12AMP
Input Min. Current	100mA
ENVIRONMENTAL	
Operating Temp.	0 to 40°C
Operating Humidity	20% to 80%
Storage Temperature	-10°C to 70°C
Storage Humidity	10% to 90%
RoHS Compliant	Yes

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For feedback about this product, please contact

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