

GlacialTech®

Enlighten Your Humanity

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User's Manual

Combo Laptop Adaptor

- ▶ GP-AC100P-0S
- ▶ GP-AC100P-0C
- ▶ GP-AC100P-0T



Product Features

- ◆ Universal AC / DC Input Combo design.
- ◆ Compatible with most Notebooks
- ◆ 8 sections output Voltage selectable
- ◆ 5V/1A USB port support for charging 3C device.
- ◆ Protections: SCP / OVP / OCP/ OTP
- ◆ Built-in PFC function.
- ◆ Convenience for travel indoor/in car/on Airplane
- ◆ Convertible DC plug tips for choice.
- ◆ Safety Approval

Specification

Model No/(Purpose)	AC100P-0S (Indoor use)	AC100P-0C (Car/Airplane)	AC100P-0T (Car/Airplane/Truck)
Input AC Range/Current	100-240VAC / 1.5A Max.		
Input DC Range/Current	Non-DC	11-15VDC / 10A	11-30VDC / 10A
Output Voltage (Selectable)	12V 15V 16V	18.5V 19V	19.5V 20V 24V
Output Current	5.5A 5.5A 5.5A	5.15A 5A	4.9A 4.75A 4A
USB Port Voltage/Current	5V / 1A, Peak 2A		
Over Thermal Protection	YES Output shut down		
Over Voltage protection	YES Output shut down		
Short-Circuit Protection	YES Output shut down		
Over Load Protection	YES Output shut down		
Leakage Current	< 250uA / 240VAC		
MTBF	100K hrs min, MIL-HDBK-217F (25°C)		
Dimension/Weight	138.2 × 58.4 × 28.5 (mm) / 0.5kg		
Operation Temp & Humidity	0 to 40°C / 95%		
Safety Approval	CE / TUV / CUL / FCC / C-Tick / Gost / E13 / RTCA D0-160D		

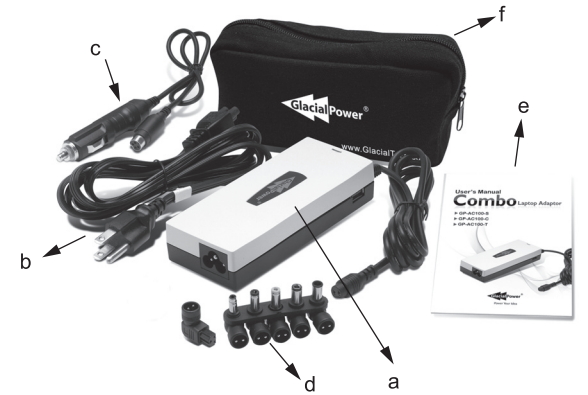
Remark: AC100P-0C model without selectable 12V DC output.

Output Plug Tips Type

Tips Types	Tips Size	Remark
A	6.5 × 1.4 × 10.5 mm	
B	6.3 × 3.0 × 10.5 mm	
C	5.5 × 2.5 × 12 mm	
D	5.5 × 2.1 × 12 mm	
E	4.75 × 1.7 × 10.5 mm	
F	7.5 × 6.3 mm	
G	9.5 × 3.5 × 14 mm	Optional
Q	7.6 × 2.5 × 12 mm	Optional

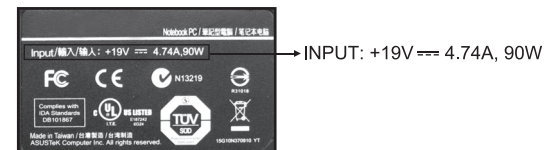
Products Accessories

- a. Universal Laptop adaptor.
- b. AC Input cable with plug.(3 pin)
- c. DC Input cable for Car/Airplane use.
- d. DC output plug with 6 tips.
- e. User Manual.
- f. Travel Bag.

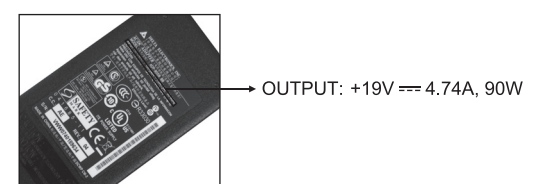


Operating Steps

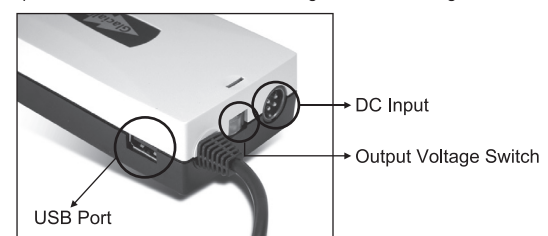
- a. Before using please read this user manual.
- b. To check your laptop brand (model)name and DC input Voltage. Please check the bottom of your laptop and see a label as below



Or check your original adaptor label as below:



- c. When you read the voltage, please select the exact same voltage from the voltage switch as below:



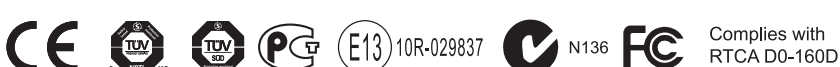
⚠ Do not select output voltage when AC plug in AC inlet or DC inlet.

- d. Using the output jack plug which match with your laptop, try fitting the whole jack plug into the power port on your laptop.You can try any plugs that match to find the right fit for your laptop. or use the reference table below:

Laptop Brands	Voltage VDC	Tips type
Acer / Gateway	16 / 18 / 19 / 20V	D, C
ASUS	19V	E
DELL	19 / 20V	A, C, F, G
IBM	16 / 19V	C, D
HP / COMPAQ	15 / 18 / 19V	B, C, D, E
SONY	16 / 19V	A, C
TOSHIBA/NEC	15 / 19V	B, C, D
FUJITSU/PANASONIC	16 / 19V	A, C, D

- e. When you have the right Jack plug for your laptop, then plug in the AC cable into the AC inlet or DC inlet, you will see the LED lights up on the adaptor. You should notice the charge LED on your Laptop signaling that your product is charging.
- f. If you don't have any success from following our instructions, please contact the sales representative near you, or the local distributor to assist you.
- g. Important safety warning: When connecting to a vehicle's power port, DO NOT run your vehicle's engine in an enclosed area ever as the fumes from the exhaust of a vehicle are considered toxic and dangerous. Please don't plug in the DC cable into the car cigarette port or to the battery before starting your engine. If you do that, it may cause severe damage of your adaptor or laptop and even to peripherals connecting via the USB device. As an extra caution, beware of adapter cable entanglement which could disrupt your driving capabilities.
- h. When connecting to an airplane's power port, please make sure that your laptop's requirement of power is correctly aligned with the charger. If your laptop requires 75Watts of power,it may not work on board,please check with the flight crew.
- i. When charge a USB compatible device, you will need to acquire a USB cable to connect between this adaptor and your mobile device. the USB port offer 5V/1A (peak 2A). If your device draws more power, the adaptor will be over load protection.

Safety Approval



Warning

- ◆ Please do not plug into AC inlet before reading these instructions.
- ◆ Please keep adaptor away from children. Make sure that all persons follow these instruct before using the device .
- ◆ Never attempt to use this adaptor to power any device that requires more than 100W of power.
- ◆ When operating this adaptor that adaptor may become hot! Keep it well-ventilated .while in use, Maintain and keep clear at least 3cm around the top and sides of the adaptor.