

Enjoy Charging Technology ROMOSS

ROMOSS

eUSB ranger 95

Minimalist. Exquisite.
Free to charge what you like simultaneously





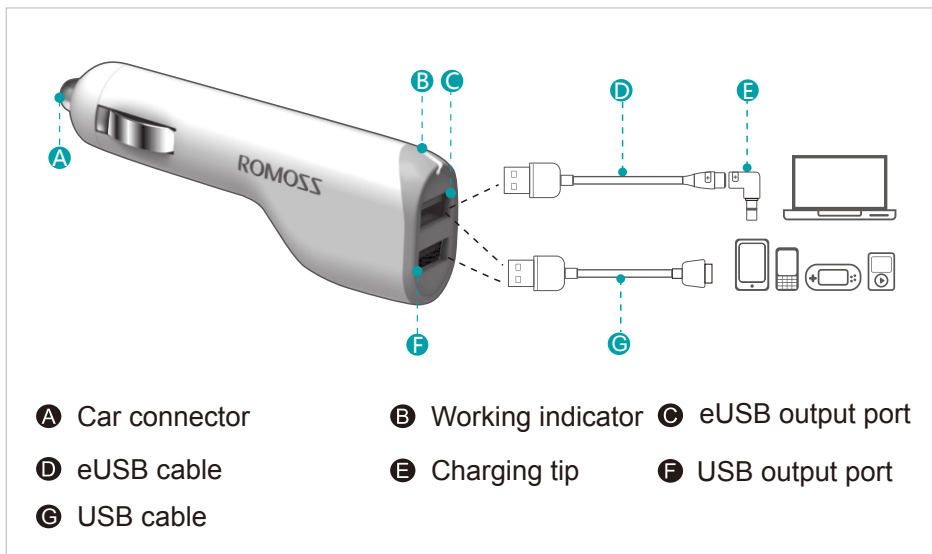
Product features

- Perfectly matches notebooks, ultrabooks, tablets and smartphones
- Self protection and outstanding safety
- Can simultaneously charge two digital devices
- Minimalist design, reserved luxury
- Comfortable chamfering, suitable for interior design and human body
- Intelligent multi-level protection ensures safety and reliability
- Rugged alloy plastic, no wearing after multiple plugs and unplugs

Specifications

Name	eUSB ranger 95	
Model	AU95	
Power	95W MAX	
Input	DC12V 10A MAX	
Output	eUSB: 1.DC14V~20V 4.74A MAX(95W MAX) 2.DC5V 2.1A MAX USB:DC5V 1A MAX	
Size	~197×W34×H21mm ~L3.81×W1.34×H0.83inches	
Weight	~ 65g/2.29ozs	
Environment for Use	Indoors	
Ambient Temperature for Use	-10~40°C	
Environment for Storage	Temperature: -20~70°C	

Product appearance



Accessories



eUSB ranger 95

High performance on-board laptop charger User manual

Support most laptops, ultrabooks, tablets, smartphones, MP3, MP4 and other digital products charging.

⚠ Please read the manual carefully before using the product. Follow the instructions and use it properly.

eUSB ranger 95 has two output voltages:

① DC14~20 V ② DC5V

- eUSB ranger 95 with DC14~20V output voltage: support laptop/ultrabook charging and must use with ROMOSS eUSB charging cables.
- eUSB ranger 95 with DC5V output voltage: support digital products charging such as tablets, smartphones, MP3, MP4, etc. with DC5V output voltage. Must use with the USB cable provided originally by the digital product manufacturer.

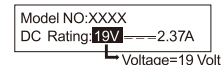
⚠ eUSB port supports ultrabook and DC5V USB digital devices charging.

Instructions to users

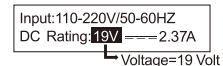
I. Charge laptop/ultrabook using eUSB ranger 95

1. Check the charging voltage required by laptop/ultrabook

- Check the voltage in one of the ways listed below:
 ① Check the label at the back of the laptop/ultrabook

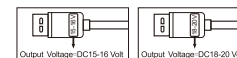


- ② Check the label on the original power adapter of the laptop/ultrabook



2. Choose a proper eUSB charging cable

Please select eUSB connector according to laptop/ultrabook port specifications. There are two types of eUSB charging cables, one with DC15~16V output voltage, the other with DC18~20V output voltage. A charging cable with DC18~20V output voltage is included with this product (the one with DC 15~16V output voltage is not included). Check carefully before using the product if the eUSB charging cable output voltage matches the requirements of the laptop/ultrabook.





- Do not use DC15~16V charging cable with DC18~20V laptop
- Do not use DC18~20V charging cable with DC15~16V laptop

3. Choose a connector that fits the laptop/ultrabook port

Select eUSB connector according to laptop/ultrabook port specifications. See the table below for details:

eUSB Connectors for Laptops				
Connector	Outer Diameter	Inner Diameter	Model	Suitable For
	3mm	1.1mm	3011A	Asus Ultrabook
	3mm	1.1mm	3011S	Samsung Ultrabook
	4mm	1.2mm	4012A	Asus Ultrabook
	4.5mm	2.9mm	4529D	Dell Ultrabook
	4mm	1.7mm	4017R	HP, Compaq
	4.8mm	1.7mm	4817R	Acer, Asus, Clevo, HP, Compaq
	5.5mm	1.7mm	5517R	Acer, Dell
	5.5mm	2.1mm	5521R	Acer, Gateway, Toshiba, IBM, Hitachi, NEC, Sharp, Twinhead, Compaq
	5.5mm	2.5mm	5525R	Acer, Asus, Clevo, HP, IBM, Lenovo, Compaq, Gateway, Fujitsu, Toshiba, Advent, MSI, Hitachi, NEC, Panasonic, Samsung, Sharp
	6.3mm	3mm	6330R	Toshiba
	6.5mm	4.4mm	6544R	Sony, Fujitsu, Samsung
	7.4mm	5mm	7450D	Dell
	7.4mm	5mm	7450H	HP, Compaq
	7.9mm	5.5mm	7955R	IBM, Lenovo



Please select proper charging cable and connectors otherwise mismatch between laptop/ultrabook charging voltage and eUSB charging cable output voltage, laptop/ultrabook port specifications and connector specifications will lead to improper functions. Apple product users can choose dedicated Macbook charging cables produced by ROMOSS, which needs no connector and supports plug-and-use. Please contact local distributor for details.

4. Charge laptop/ultrabook using eUSB ranger 95

- (1) Plug eUSB ranger 95 into on-board cigarette lighter socket and connect eUSB charging cable to laptop/ultrabook with connectors;
- (2) Connect the charging cable to the eUSB port on eUSB ranger 95. Charging process will start when you start up the car engine.



Do not start up your car before properly connecting the on-board charger, to avoid any power disturbance or damage to the charger and the equipment to be charged. The on-board charger can only charge properly when the car is in movement.

Do not plug the charger continuously into the on-board cigarette lighter when not using it. Unplug it when you leave the car. Do not use the cigarette lighter or socket in high temperature before it gets cool.

II. Charge digital products using eUSB ranger 95

Plug eUSB ranger 95 into on-board cigarette lighter socket and connect eUSB ranger 95 to the digital products with the USB cable provided originally by the digital product manufacturer. Start up the car engine and the charging process starts.

