ROMOSS
Charge All Challenge All

eUSB sofun 6 User Manual
Portable laptop external battery
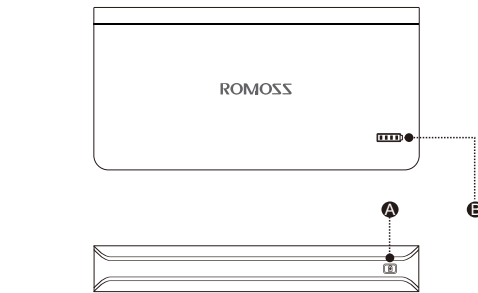
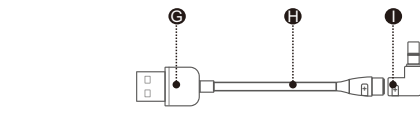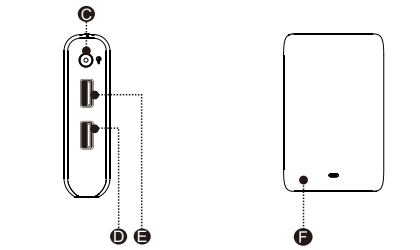**with eUSB cable**

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eUSB sofun 6
Portable laptop external battery user manual

Support most laptops, Ultrabooks, tablets, smartphones, MP3, MP4 and other digital products.
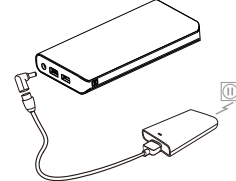
Product operation

Support

- Ⓐ Button
- Ⓑ LED power indicator
- Ⓒ Input port
- Ⓓ USB output port
- Ⓔ eUSB output port
- Ⓕ AC adapter
- Ⓖ eUSB connector
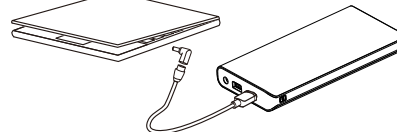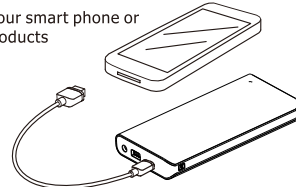- Ⓗ eUSB cable
- Ⓘ Charging tip

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① Charge your **eUSB sofun 6**

② Charge your laptop

Remarks: please make sure the output of voltage and current on the powerbank is compatible with the input demand of your laptop before you use Romoss power bank to charge it.

❸ Charge your smart phone or digital products

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eUSB sofun 6
Portable laptop external battery user manual

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

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

Instructions to users

I. Charging eUSB sofun 6 (Figure ❶)
Please use the original adapter to insert the DC input of eUSB sofun 6. You will find eUSB sofun 6 is fully charged when four LED indicator lights are on at the same time.

⚠ Unplug the power immediately when the product is fully charged.

II. Charging laptops using eUSB sofun 6 (Figure ❷)
1. Charge laptop
Check the voltage required by the laptop.
Check the voltage in one of the ways listed below:
① Check the label at the back of the laptop.

Model NO:XXXX
DC Rating:19V —— 3.42A
Voltage=19 Volt

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

Input:110-220V/50-60HZ
DC Rating:19V —— 3.42A
Voltage=19 Volt

2. Choose a proper eUSB charging cable
eUSB cables are categorized into three types by output voltage, one is DC15~16V, the other is DC18~20V or DC12~14V. This device comes standard with a DC18~20V cable.
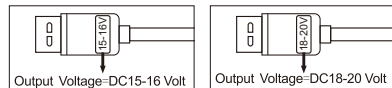

Purchase a DC15~16V or a DC12~14Vcable if necessary. Before charging, please verify that the output voltage of an eUSB cable matches the input voltage of your laptop.

Output Voltage=DC15-16 Volt

Output Voltage=DC18-20 Volt

- Do not use DC15~16V charging cable with DC18~20V laptop.
- Do not use DC18~20V charging cable with DC15~16V laptop.
- Do not use DC12~14V charging cable to a laptop.

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3. Choose a connector that fits the laptop port
Select eUSB connector according to laptop port specifications(e.g. model, specifications, suitability). See the table below for details:

eUSB connectors for different laptop models

Connectort	Outer Diameter	Inner Diameter	Model	Suitable For
	3mm	1.1mm	3011A	Asus
	3mm	1.1mm	3011S	Samsung
	4mm	1.2mm	4012A	Asus
	4.5mm	2.9mm	4529D	Dell
	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,Fujistu,Toshiba,Advent,MSI,Hitachi,NEC,Panasonic,Samsung,Sharp
	6.3mm	3mm	6330R	Toshiba

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	6.5mm	4.4mm	6544R	Sony,Fujistu,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 other wise mismatch between laptop/ultrabook charging voltage and eUSB charging cable output voltage, laptop/ultrabook port specifications and connectors specifications will lead to improper functions. Apple product users can choose dedicated ROMOSS Macbook charging cables, which supports plug-and-use and needs no connectors. Please contact local distributor for details.

4. Charge laptop with eUSB sofun 6
① Connect one end of eUSB charging cable to corresponding connectors and the other end to the laptop.
② Connect the other end of eUSB charging cable to eUSB port on eUSB sofun 6. Switch it on and the charging process starts.

III. Charging digital products using eUSB sofun 6 (Figure ❸)
1. Check if the charging voltage of the digital product is compatible with the DC5V output voltage of eUSB sofun 6.
2. Use the digital product's original cable, and connect one end to the digital product, the other end to eUSB sofun 6.

⚠ Connected and switch it on, the charging process starts with the working signal lights up.
When using the product, the signal will flicker if the power is less than 5% to prompt users that the battery itself needs to be charged.

Charging and discharging Sync Function:
When charging eUSB sofun 6, it can charge other digital devices at the same time.

Remark: only the power is above 25%, this function will be effective.

Indicator of battery left

LED4   LED1

LED Signal	Power Percentage
1st signal lights up	0~25%
1st, 2nd signals light up	25~50%
1st, 2nd, 3rd signals light up	50~75%
1st, 2nd, 3rd and 4th signals light up	75~100%

⚠ When switching off, LED signals will go out in 3~5 seconds and the battery will enter battery saving mode in about 1 minute. If users want to use it to charge digital products, press the switch once and wake it up. When switching off, the 1st signal will flicker if the power is less than 5% to prompt users that the product itself needs to be charged.

Specifications

Name	eUSB sofun 6	Model	PH60
Weight	~402g /14.18ozs	Capacity	15600mAh
Power	65W MAX	Input	DC 15~20V 3.5A MAX
Output		eUSB: ❶DC12-20V ⎓ 3.5A MAX ❷DC5V ⎓ 1A MAX USB: DC5V ⎓ 2.4A MAX	
Size		~L160x W80xH22.6mm ~L6.3x W3.15x H0.89inches	
Charging Time	~4Hrs		
Environment for Storage	Temperature: -20~60℃		
Ambient Temperature for Use	Charging: 0 ~ 45℃ Discharge: -10 ~ 60℃		

The electrical core will have 85% capacity left after 300 cycles.
(From fully charged to fully discharged is a cycle)

Cautions

1. Please read the manual carefully before using the product. Follow the instructions and use it properly.
2. Do not dismantle or disassemble the product yourself; the product does not contain any parts that need users to assemble or maintain themselves
3. Do not use non-original eUSB transmission cables or connectors
4. Do not place or use the product in very hot or humid environment; do not place or use it in direct sunlight (ambient temperature for use: charging 0℃~45℃; discharging -10℃~60℃; ambient temperature for storage -20℃~60℃).
5. Do not throw this product into fire or water, so as to avoid possible fire and explosion
6. Do not use paper or other objects to cover or shield the product, which may affect heat dissipation and cooling.
7. Unplug the power cable when not using the product, so as to avoid injury or property loss.
8. Do not shake it, tap it or hit it.
9. Please keep the product out of the reach of children.
10. Do not use it if any liquid leaks out of the product or it puffs up or if there is any other abnormal situation, contact the service center immediately.
11. Do not use it if any liquid leaks out of the product. If the liquid goes into your eyes, do not rub your eyes, but quickly flush your eyes with fresh water. If necessary, go to see a doctor.

ROMOSS
深圳罗马仕科技有限公司
Shenzhen Romoss Technology Co.Ltd.

产品名称	eUSB sofun 6 PH60 九国语言		
物料编号		成品尺寸	70*110mm
图纸制作	张艳	图纸比例	1:1
颜色	■ 黑白印刷 70X110mm 正反面 60g书纸印		
工艺			

市场部确认	销售部确认	产品部确认

印刷清晰，折线整齐

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A0	原始发行	张艳	14/07/17