



LCD POWER STATION II 20000mAh

User Instruction Manual

<http://en.pisen.com.cn>

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Thank you for purchasing the mobile power supply product of Pisen. Please read this guide book carefully to assure safe and satisfactory operation and also keep it properly for future reference.

This product is used to charge mobile phones or digital products fitted with DC-5V input.

Technical specification

LCD Power Station II 20000mAh	
Product name	Dual Output Portable Mobile Power
Model	TS-D199
Input	5V=2A
Output	OUT1:5V=2A, OUT2:5V=1A OUT1+OUT2:5V=2A
Volume	161×83×23mm
Weight	≈475g
Battery energy	74Wh(20000mAh)
Working temperature	-10℃~40℃
Executive standard	Q/PISEN007
Time for full charging of built-in battery cell	5V-2A charger, need 11.5 hours for full charging

Notification

- 1.Since the capacity of LCD Power Station is relatively big, the time marked for full charging is only for reference.The actual time is subject to real operation please.
- 2.Since conversion efficiency factor exists in the mobile power supply, the actual capacity of mobile power supply product is not equal to the chargeable capacity.
- 3.The specification and external form of this product will differ due to improvement and reinforcement.
- 4.High-capacity Li-ion battery cell is adopted for all LCD Power Station batteries to assure high quality. Please feel assured when using this product.
- 5.Please select a suitable data charging line for the mobile phone or digital product you use.
- 6.By connecting Micro USB input interface, LCD Power Station can be charged. When connecting OUT1/ OUT2 interface, this product can charge other devices.
- 7.Since electric energy will be consumed during charging/discharging, slight heating is a normal phenomenon.
- 8.Please store this product in a cool and dry place. If it is not used for a long time, please fully charge LCD Power Station once every 6 months.
- 9.In order to assure the stability of product, it is recommended to use Pisen or 5V-2A chargers from authentic brands for charging.

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Applicable device

Output interface	Output current	Applicable device
OUT1 Output	5V-2A	Most branded mobile phones including Samsung, HTC, HUAWEI, ZTE, Nokia, MOTO, and Apple series device like iPhone, iPad and iPod or devices requiring DC 5V 1A~2A input.
OUT2 Output	5V-1A	
OUT1+OUT2 Output	5V-2A	Two devices need to be charged at the same time

List of standard accessories

Pisen-LCD Power Station II 20000mAh	×1
Micro USB data charging line	×1
User instruction manual	×1

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE, DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

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Troubleshooting

If the following "operations" cannot eliminate your failure(s), please stop using this product and contact the dealer where you purchase this product from or the customer service center of Pisen.

During charging		
Phenomenon	Cause	Operation
LCD screen is not working or product cannot charge.	Use incorrect/ irrelevant charger to charge	Please use charger recommended by Pisen
	Bad contact of Micro USB input interface/USB output interface	Please recheck Micro USB input interface or USB output interface to see if the contact is favorable
	Use incorrect/ irrelevant charging line	Please use the standard charging line of Pisen or original data charging line
	LCD screen is not working during charging	Please press the control switch for 0.5s to check
Heating during charging	The battery itself will have slightly heating during charging	Pay attention to the charging environment of LCD Power Station or pause for a moment before charging again

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During application		
Phenomenon	Cause	Operation
Indicator "OUT" still appears on LCD screen when device unloaded	It is a normal, for it takes a certain buffering time before the indicator goes out	It will automatically goes out after 30 seconds or press the touch inductive switch for 2 seconds.
When unloaded OUT1 interface's device and plug in OUT2 interface ,LCD screen shows "OUT1" and "OUT2" together		
The application duration is too short	The service life of the battery is about to end	Charge the battery again. If there is still zero electric quantity, it means the service life of the battery ends

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Operation of Touch Inductive Switch

System statue	Touch inductive switch operation
USB output interface starts working	Touch inductive switch for 0.5 second
Turn on LCD Screen	
Turn off	Touch inductive switch for 2 seconds

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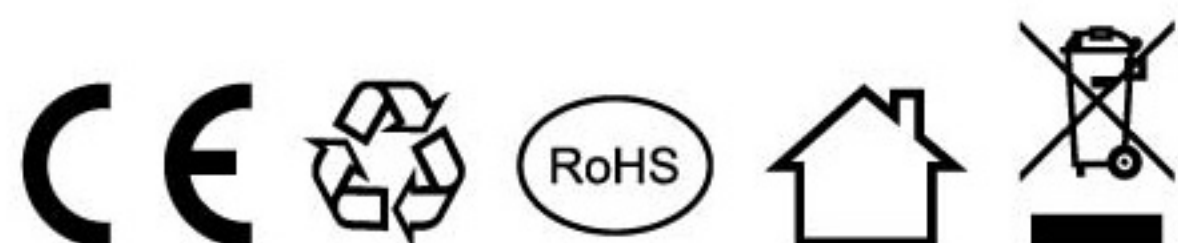
Attentions

- Do not put this product on carpet, heater and texture matures or expose it under direct sunlight.
- Do not throw, squeeze, disassemble or pierce this product.
- Do not put this product in a high-temperature and moist environment.
- Do not throw this product in fire, water or corrosive liquid.
- Please do not charge the battery beyond the rating.
- Please do not touch the battery under a moist status.
- Please do not put this product on combustible substances (bed and carpet) during charging.
- If you disassemble and replace the built-in battery on your own, the danger of explosion may exist.
- If product expansion or other unfavorable phenomena and failures are found out, please stop using this product immediately and contact with your dealer.
- Unless supervised, guided and safeguarded by professionals, it is not suitable for the following people (including children) to use this product: those with degraded somatic functions or mental ability and those having insufficient understanding of this device and lack of operation experience. The children must be supervised to assure safe use.



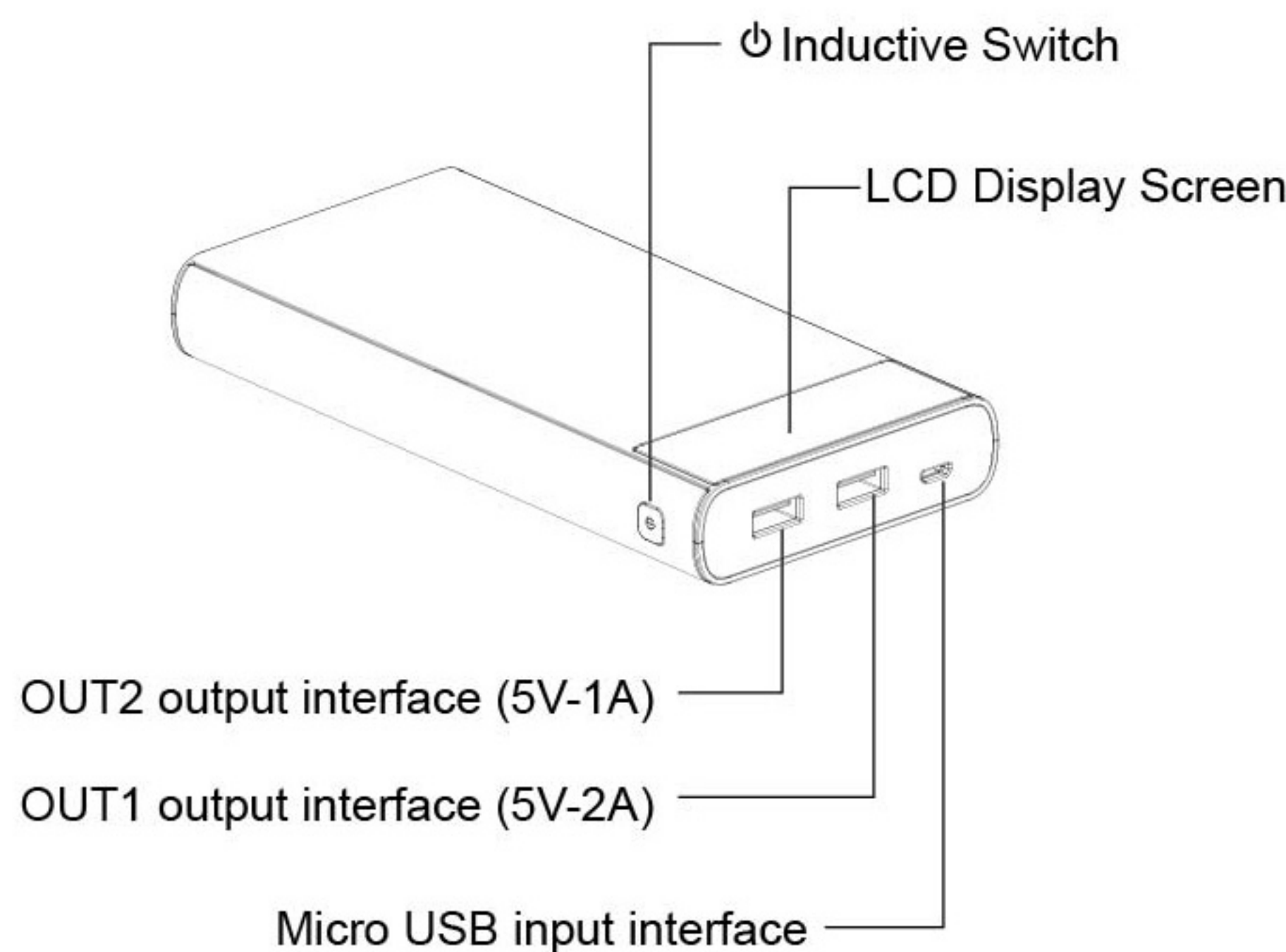
1. Compliance statement - Reference Part 15.19 (a) (5)
This device complies with part 15 of the FCC Rules.Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
2. § 15.21 Information to user
Modifications not expressly approved by this company could void the user's authority to operate the equipment.
3. § 15.105 Information to the user
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

Made by Guangdong PISEN Electronics Co., Ltd.
Address: Jintang Industrial Park, Henggang Town, Longgang District, Shenzhen, P.R.China
Factory Telephone: 86-755-28504090



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Diagram of product interface



Standard line configuration



Micro USB data charging cable

Use LCD Power Station to charge other devices

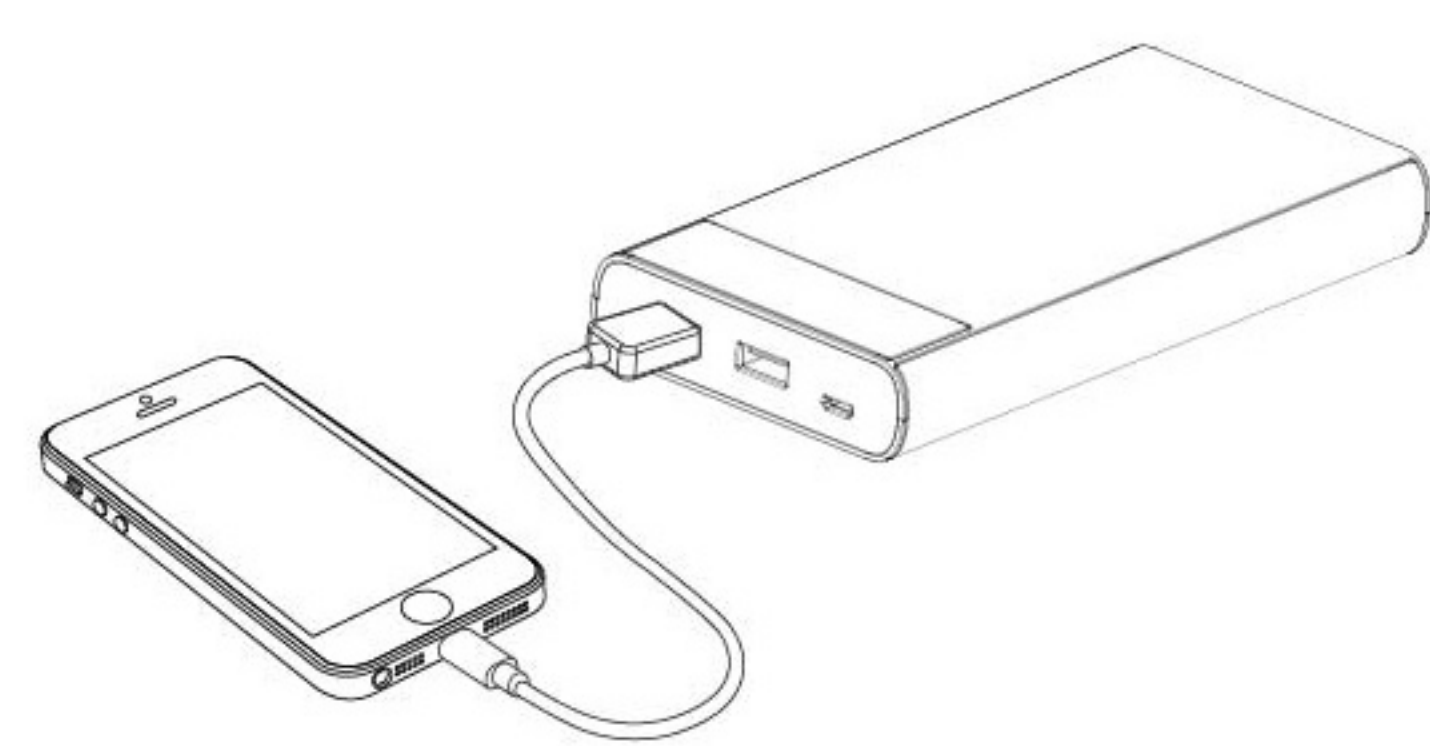


Diagram of iPhone

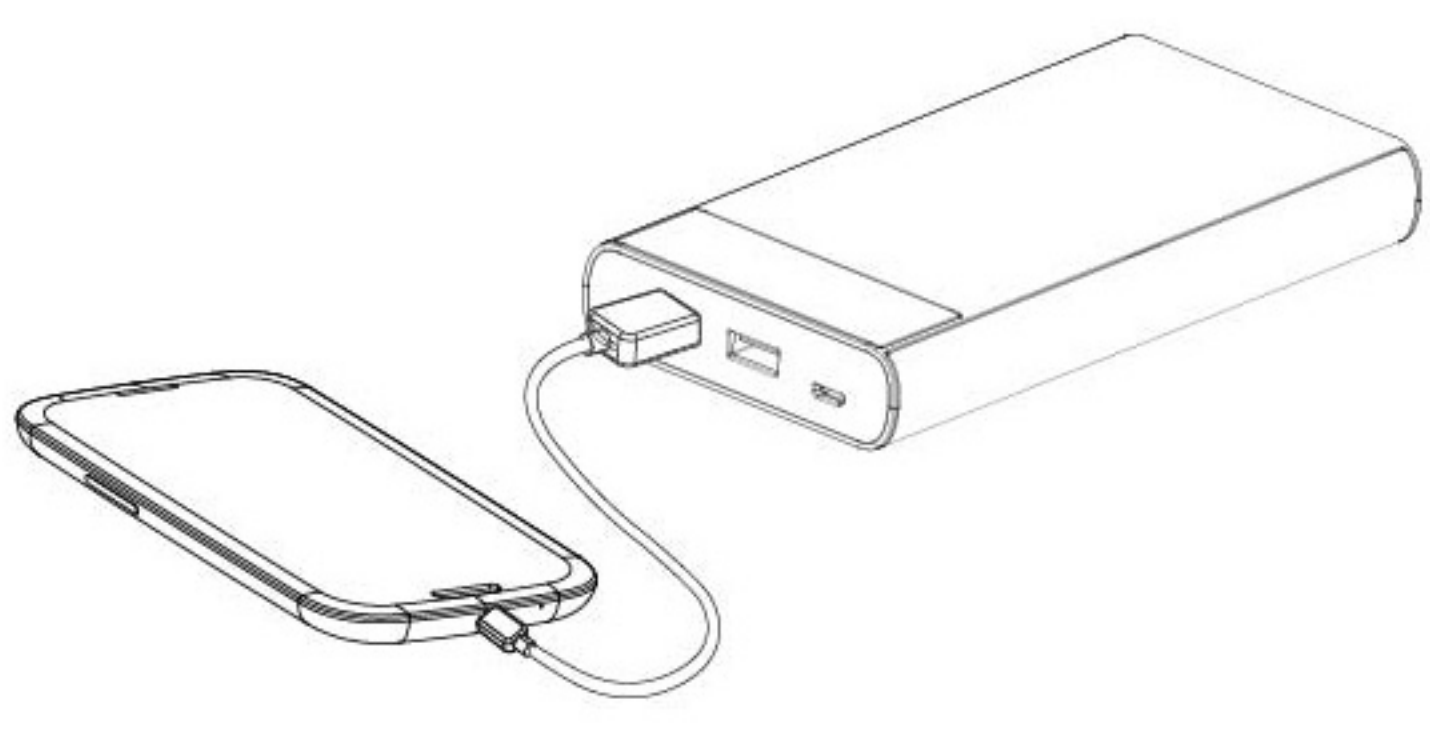


Diagram of Samsung GALAXY series

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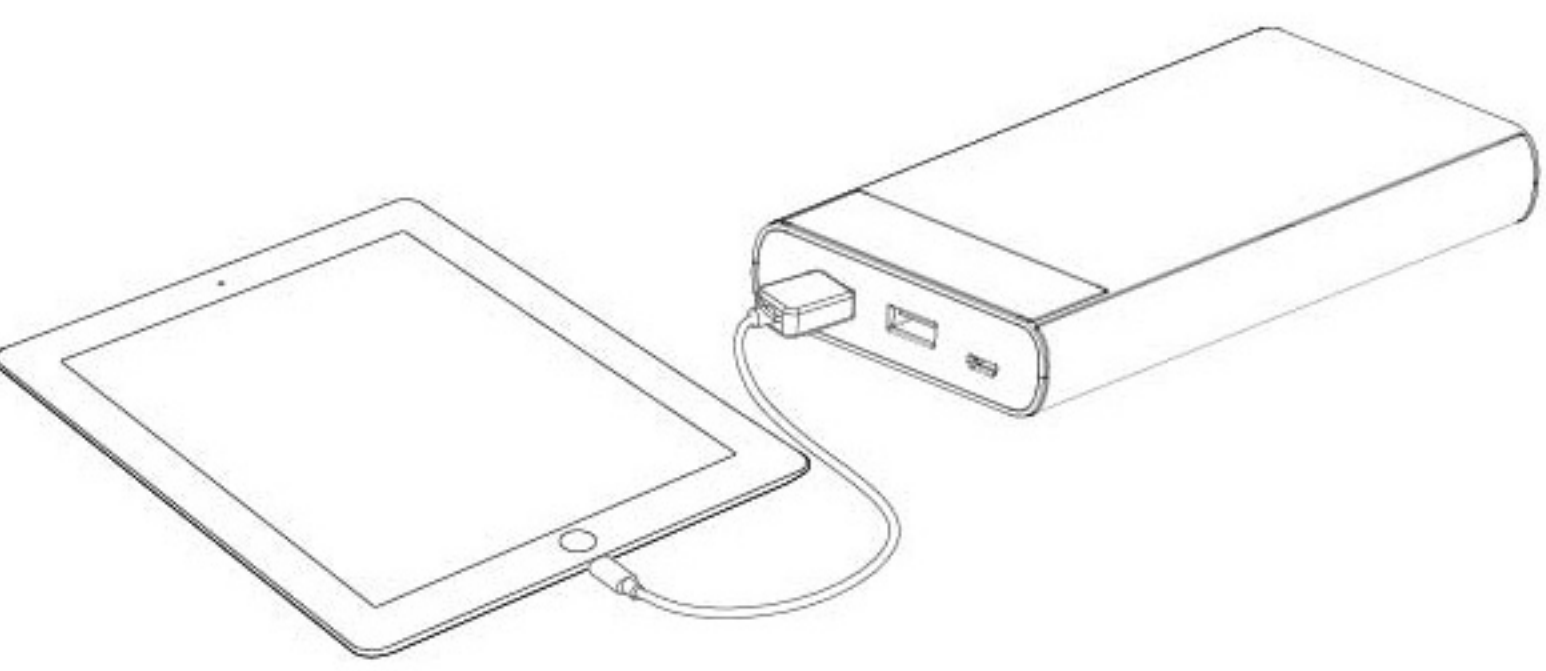
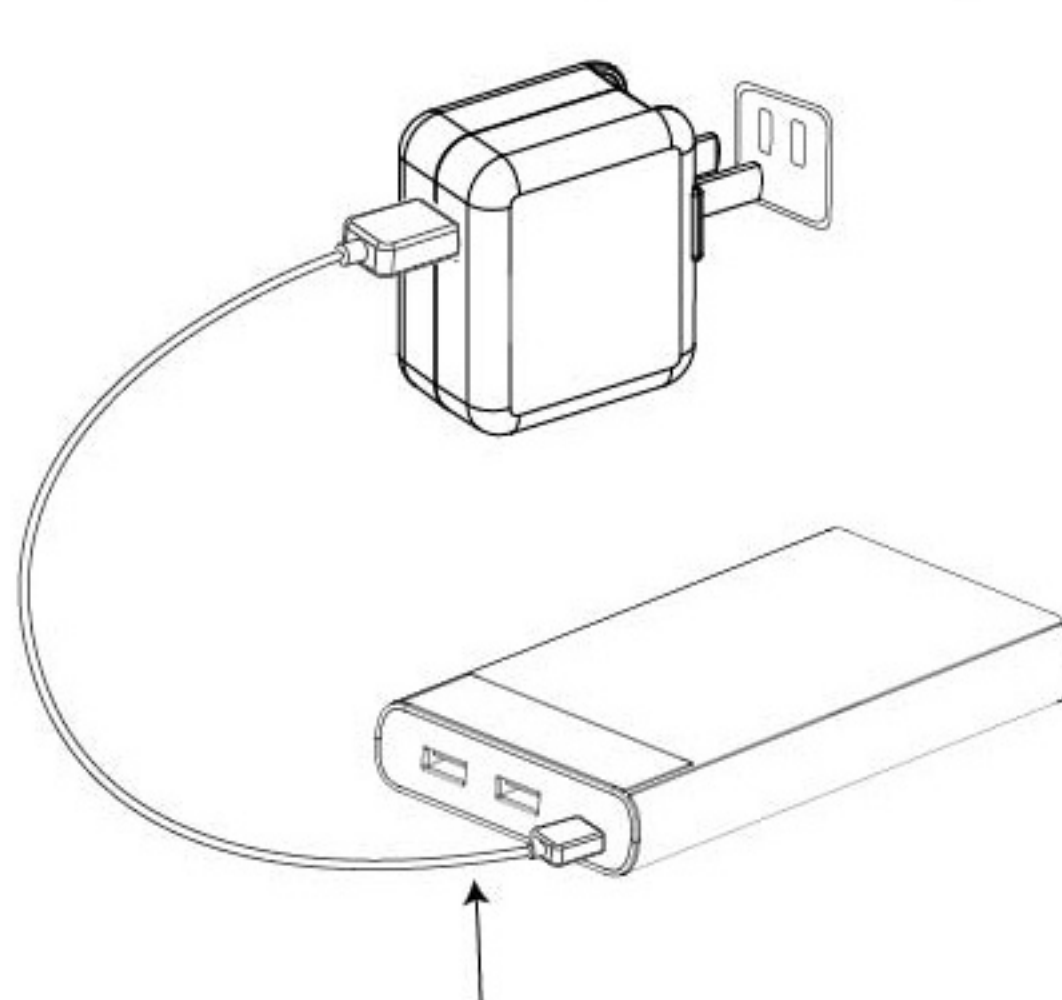


Diagram of iPad

Charge LCD Power Station

DC 5V~2A/2.4A USB charger connect AC(100V-240V)

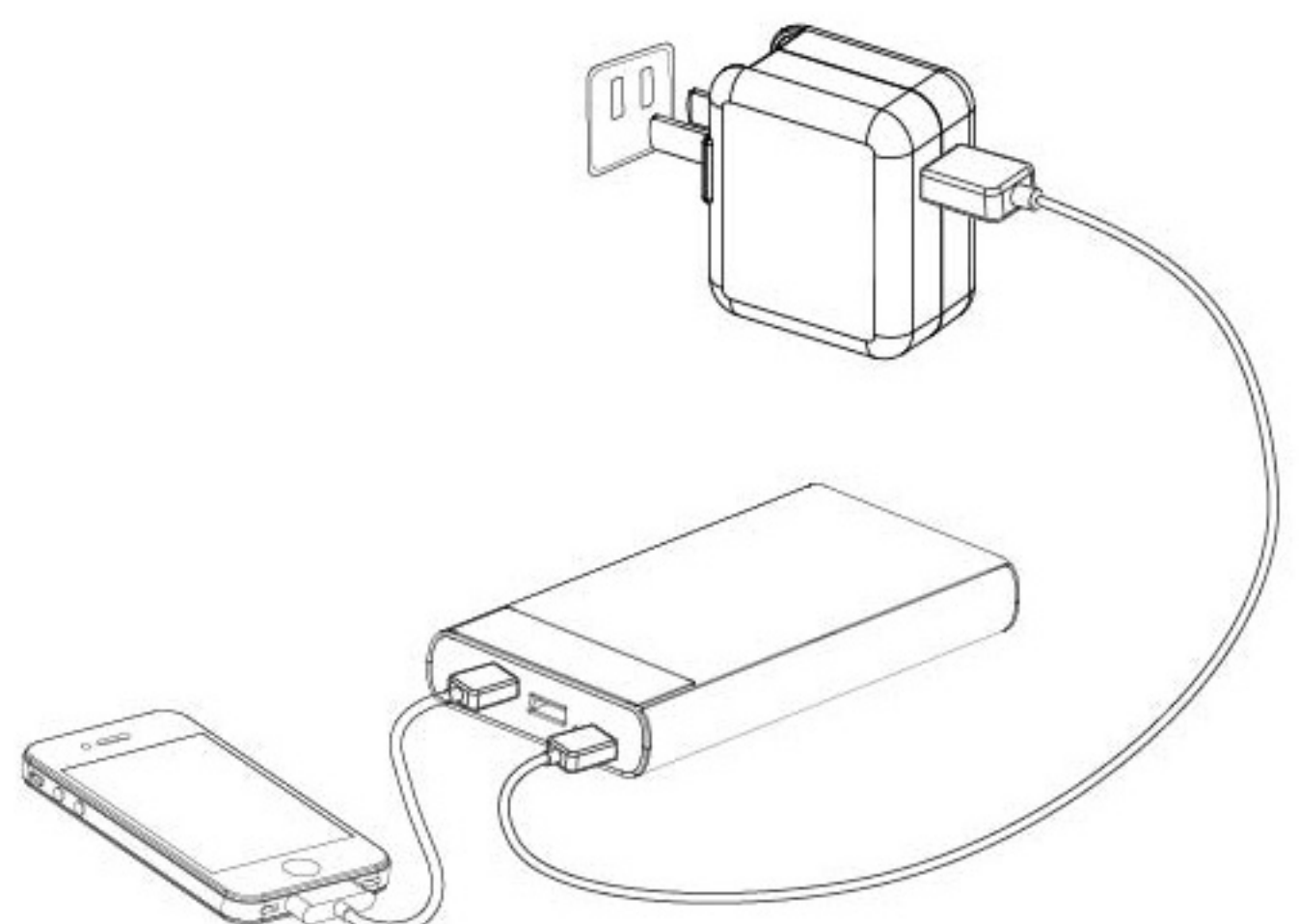


Micro USB data charging line

Please use Pisen iPad charger when charging for LCD Power Station.

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Charge LCD Power Station and other devices simultaneously



(Note: this status just needs to press the inductive switch 0.5 seconds to start the mode of charging while playing)

Optional accessories



Pisen iPad Charger (5V-2A)
It is recommended to use Pisen charger to charge LCD Power Station (Note: it shall be purchased separately)

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The name and concentration of the hazardous substance in the products						
Parts Name	Hazardous Substance					
	Pb	Hg	Cd	Cr ⁶⁺	PBB	PBDE
Circuit Board Assemblies	×	○	○	○	○	○
Hardware Parts	×	○	○	○	○	○
Plastic Parts	○	○	○	○	○	○
Battery	○	○	○	○	○	○
Screen	○	○	○	○	○	○
Fittings	○	○	○	○	○	○
○: Indicates that the concentration of the hazardous substance in all homogeneous materials in the parts is below the relevant threshold of the SJ/T11363-2006 standard. ×: Indicates that the concentration of the hazardous substance of at least one of all homogeneous materials in the parts is above the relevant threshold of the SJ/T11363-2006 standard. Notes: The environment-friendly use period identified in this product is only applicable to the product which is working under the conditions stipulated in the user instruction manual.						

CE
This product complies with the radio interference requirements of the European Community.
Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Only for household use,in dry areas

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Warranty card

Warranty period:

The quality warranty period of this product is effective within 12 months since the day when it is purchased.

Free service:

If any failure arises due to the quality of the product within the warranty period, the user may contact with the dealer and enjoy free warranty service by presenting this warranty card and purchase voucher.

We will not offer free repair service under the following circumstances:

1. No warranty card is presented or the product label is damaged.
2. Damage caused due to disassembly by the user.
3. Failure caused due to water inlet or falling and man-made mechanical damage.
- 4.Failure or damage caused due to force majeure.

Customer service information

Name of customer	
Address	
Tel.	
Name of product	
Model of product	
Date of purchase	
SN	
Seller	
Repair record	

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