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2in1 Wall Charger with Built-in Battery
New Invention Patented Circuit
(3rd Generation/GaN+Graphene technology)
Using High Energy Power Battery, 21700

特点：

1. 氮化镓+石墨烯最新技术，拥有多项发明电路专利，单口盲插任意60W输出
2. 智能大电流快充均衡技术，同时对手机/电池进行智能分配充电, 手机优先，2.5小时快速充满电池
3. 采用高可靠性动力电芯21700
4. 人性化创意LED小夜灯设计
5. 采用轻点电容触控技术智能电量显示
6. 荣获北美著名电子消费产品CES2022年产品创新大奖

L Lab Corporation

Innovations Futuristic Features ：

PST-60C2PB is a 60W dual portable charger with world's highest power density, It combines AC/DC+DC/DC technologies to charge Two devices (laptops, cellphones or tablets) and the battery pack simultaneously. **Revolutionize portable charging with PST-60C2PB !**

By utilizing GaN technology, GaN2GO is only 1/2 of size comparing to Non-GaN 60W charger. With 10000mAh batteries built-in, it is the same size as Apple's original 61W charger. It utilizes a unique analog-digital system and patented designs:

1) Unique AC-DC bypass architecture that creates 92% power efficiency, improving thermal-dissipation by 40% than leading competitor Anker.

2) **Interactional power FCS (fuzzy-control-system) charges battery to 85% in 2 hours while maintaining Two laptops at charge, Fully charged battery in 3 hours !**

3) The patented power FCS (fuzzy-control-system) is made up of control circuit and communication circuit. In the beginning of the charging process, the system prioritizes full power output to the charging devices, and uses the remaining power for the internal battery charging. As the devices gradually being charged, the control system started to allocate more power to the internal battery based on charging status feedback through communication circuit. Compared to competitor(Anker)'s products that charges devices and battery one by one, it saves a significant amount of time

4) Hall sensor and AC detection circuit are innovatively combined to senses prongs' position and AC input presence, the flashlight can be activated automatically by unfolding the prongs or removing from wall outlet for emergency or power-failure

5) Aerosol and Graphene materials: carefully chosen high-tech material makes the product safer. Power-loss generated heat is reduced by up to 40%.

6) Touch sensing capacity indicators, will make it more convenient and durable

L Lab Corporation

Revolutionize portable charging !

-It combines AC/DC+DC/DC technologies to charge Two devices (laptops, cellphones or tablets) and the battery pack simultaneously.

-By utilizing GaN technology, GaN2GO is only 1/2 of size comparing to Non-GaN 60W charger.

-With 9600mAh batteries built-in, it is the same size as Apple‘s original 61W charger.

-the flashlight can be activated automatically by unfolding the prongs or removing from wall outlet for emergency or power-failure.

VISA card

GaN2GO
60W charger + 10000mAh battery

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61W apple charger

10000mAh battery pack

L Lab Corporation

3rd GaN / 60W USB C PD Wall Charger with 9600mAh battery

Part#: PST-60C2PB

AC input: AC 100-240V

Battery Input: DC8.4V, 2.0Amax

USB C input: DC5V/9V/12V, 18W

Under AC Charger mode (60Wmax):

USB C1 output:DC5/9/12/15/20V,3.0A(60Wmax)

USB C2 output:DC5/9/12/15/20V,3.0A(60Wmax)

USB C1+C2 Output:

DC5V,3.0A/9V,2.22A,12V,1.67A/15V,2.0A, 20V,1.5A (C1-30W)

DC5V,3.0A/9V,2.22A,12V,1.67A/15V,2.0A, 20V,1.5A (C1-30W)

Under Power Bank mode(40Wmax):

USB C1 output:DC5/9/12V, 3.0A,15V,2.67A,20V,2.0A(40Wmax)

USB C2 output:DC5/9/12V, 3.0A,15V,2.67A,20V,2.0A(40Wmax)

USB C1+C2 Output: DC5V,3.0A/9V,2.22A/12V,1.67A (C1-20W)

DC5V,3.0A/9V,2.22A/12V,1.67A(C2-20W)

Battery cell: Lithium-ion / 21700

Battery capacity: 4800mAhx 2Cells

Battery capacity indication: 4 Led Indicators

Dimension:80x75x31.5mm

Protocol: PD3.0, BC1.2/DCP1.5, Apple2.4A

Dimension/Key Feature Comparison (L Lab vs Anker)

L Lab:
AC mode: PD60W or PD30W+PD30W
Power Bank mode: PD40W or PD20W+PD20W
weight: 250g (8.8oz)

80x75x31.5mm
(3.15x2.95x1.25inch)

Anker:
AC mode: PD30W+5V,2.4A
Power Bank mode: 5V,3.0A
weight: 267g(9.4oz)

81.5x86x32mm
(3.21x3.39x1.26inch)

Anker is 20% bigger than L Lab
Anker battery 5000mAH
L Lab battery 10000mAH

Charging technology advantage:

Anker: traditional, after device is fully charged, then charge battery
Lab: Patented new fast charging technology,
Charge device+battery simultaneously, Priority device charging