

PX-1016 MOBILE POWER BOX DATASHEET



INTRODUCTION

The PX-1016 is a compact DC adjustable power supply . It use TI's TPS63020 buck boost converter, built-in a 3.7V 900mAh lithium polymer battery, the output voltage is adjustable within 0.5V~5.2V. Low ripples, high efficiency, with perfect protection function. Reliable and easy to carry, meet the requirements of the most mobile product development.

FEATURES/PARAMETERS

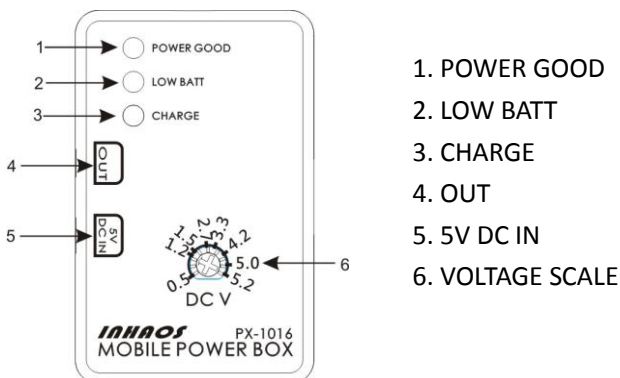
Features

- Built-in 900mAh lithium polymer battery
- Output voltage is adjustable within 0.5V~5.2V
- Maximum continuous output current is greater than 1.5A
- Perfect overheating, overload, low voltage protection
- True complete electrical isolation

Electrical Parameters

- Charging current: DC 5V 350mA
- Adjustable output voltage: 0.5V~5.2V
- Maximum sustainable output current:1.5A
- Ripples: <50mVpp @ 1KHz
- Charging time: 2.5H
- Use of time: 9h @ 3.3V 100mA

FUNCTION DESCRIPTION



1. POWER GOOD
2. LOW BATT
3. CHARGE
4. OUT
5. 5V DC IN
6. VOLTAGE SCALE

Temperature

- Operation temperature: 0°C~45°C
- Storage temperature: -20°C~80°C

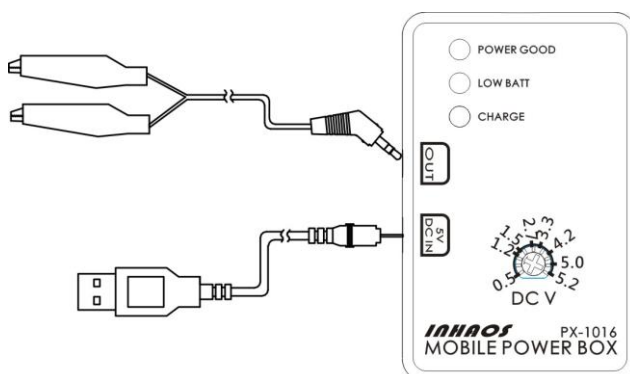
Mechanical Parameter

- Size: 55mm*35mm*15mm
- Weight: 35g

APPLICATION

- Mobile devices development
- The power completely isolated requirement
- Replace the battery to powered to the device

CONNECTION



PACKING LIST

PX-1016 mobile power box	*1
35mm dedicated output line	*1
USB charging cable	*1
Datasheet	*1
Screwdriver	*1

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