

PB312-65590B

20000mAh PD 20W Power Bank

Features:

Multi-Protocol Fast Charging with Excellent Compatibility:

Supports multiple fast charging protocols, ensuring wide compatibility.

Bidirectional Fast Charging for Rapid Charging and Discharging:

Enables both fast charging and discharging, enhancing efficiency.

User-Friendly Operation with Comprehensive Safety Features:

Simple one-click power on, double-click to disable charging, and long-press for 3 seconds to enter/exit low-current mode.

Equipped with overvoltage, overcurrent, overcharge, over-discharge, overheating, and short circuit protection. Additionally, certified by CCC for safety compliance.



Specification:

*USB-C Input/Output: 5V=3A 9V=2.22A 12V=1.67A 20W Max

*USB-A (OUT 1/OUT 2) output: 10V=2.25A 9V=2A 12V=1.5A
5V=3A 22.5W

*Total output: 5V=3A Max

*Battery capacity: 20000mAh 3.7V (74Wh)

*Rated capacity: 12500mAh (TYP 5V 3A)

*Output Capacity: 12500mAh (5V/3A);7000mAh
(9V/2.22A);5100mAh (12V/1.67A);6400mAh (10V/2.25A Max)

*Cell Capacity: 20000mAh(2x10000mAh)

*ChargingTime: About 6 hours (with PD 20W charger)

*Dimension: L147×W72×H27(mm)

*Multiple protection such as: Over charge/Over discharge/
Over current/Over power/ Over voltage/Over temperature/
Short circuit/Electromagnetic field

USB A-Port

**22.5W Max SCP/FCP/
Quick 3.0/AFC Fast Charge**

1.1 Hrs full charge for xiaomi 9

Faster yet safer

CE | FC | PSE

- Over-voltage protection
- Short-Circuit Protection
- Over-charge Protection
- Over-Current Protection
- High temperature Protection
- Over-temp Protection

EU DECLARATION OF CONFORMITY

Manufacturer Name	Ugreen Group Limited
Address	Ugreen Building,Longcheng Industrial Park,Longguanxi Road,Longhua,Shenzhen,China
EU Authorized Representative Name	Ugreen Group GmbH
Address	Prinzenallee 1, 40549 Düsseldorf, Germany

We, Ugreen Group Limited, declare under our sole responsibility that the following product:

Product Name	20000mAh Two-way Fast Charging Power Bank
Model Number	PB312
SKU	25683 25683P 25683X 25683A 25683B 25683C 25683U 25683JP 25683ZD 35578 35578P 35578X 35578A 35578B 35578C 35578U 35578JP 35578ZD

Is in conformity with the following EU directives requirements:

Directive 2014/30/EU EMC (Electromagnetic Compatibility)

Test Report number : BCTC2402274637E

Issued by: Shenzhen BCTC Testing Co., Ltd.

Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong China

Directive (EU)2023/988 GPSR (General Product Safety Regulation)

Test Report number : BCTC2402001260S

Issued by: Shenzhen BCTC Testing Co., Ltd.

Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong China

Directive 2011/65/EU RoHS (Restriction of the use of certain Hazardous Substances)

Test Report number : BCTC2402237711-1R

Issued by: Shenzhen BCTC Testing Co., Ltd.

Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong China

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals(3)

Test Report number : BCTC2402683382-1R

Issued by: Shenzhen BCTC Testing Co., Ltd.

Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong China

POPs (EU)2019/1021 (persistent organic pollution) SCCP&HBCDD

Test Report number : BCTC2402237711-3R

Issued by: Shenzhen BCTC Testing Co., Ltd.

Address:1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng,
Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong China

References to the relevant standards used or references to the specifications in relation to which conformity is declared:

EN IEC 62368-1:2020+A11:2020

EN 55032: 2015+A1: 2020

EN 55035: 2017+A11: 2020

IEC 62321

ECHA SVHC

REACH Annex XVII

US EPA 3550C:2007

Under Article 33 of EU REACH Regulation (1907/2006), Ugreen Group Limited have reviewed our products for the presence of Two hundred and fifty (250) SVHC substances on the EU SVHC Candidate List as of Jun 25, 2025 . One SVHC was present in product indicated above, in excess of 0.1% by weight.

The 164.1,3-propanesultone content of the 003 Sample Groups is 0.1627%.

This determination is based on engineering evaluation, testing, and supplier declarations and is correct to the best of Ugreen Group Limited's knowledge.

Authorized person for technical documentation:

Name: Chi yang

Position: Manager

Date of issue: Jul.16, 2025

Signature of authorized Person:

