



VARTA ENERGY Power Bank

A trustful product set-up

Advanced Safety Technology concept



ADVANCED SAFETY TECHNOLOGY



TEMPERATURE CONTROL

An internal NTC sensor interrupts the charging process at high temperatures.



OVERCHARGE PROTECTION

The Power Banks' batteries are protected against overcharging to avoid cell damage or excessive aging.



DEEP DISCHARGE PROTECTION

The protection against deep-discharging of the batteries avoids cell damage and increases the batteries' longevity.



OVERCURRENT PROTECTION

The Power Banks' batteries are protected against overcurrent to avoid damage to the cells.



INPUT-OVERVOLTAGE PROTECTION

An overvoltage detector protects the Power Banks' input against overvoltage from external power sources.



SHORT CIRCUIT PROTECTION

The Power Bank is short circuit proof due to a resettable safety use.

Top facts about portable power::



1 UN & UL STANDARDS

UN38.3	<ul style="list-style-type: none">▪ Transport test from the United Nations▪ Guarantees safety in transporting dangerous goods by land, sea and air
UL = Underwriters Laboratories	<ul style="list-style-type: none">▪ Most widely accepted certification on the safety and environmental claims of electronic products▪ Mark for a high quality battery

2 MAIN UNITS

Voltage	<ul style="list-style-type: none">▪ How powerful energy can be transferred▪ Measured in volt (V)
Current	<ul style="list-style-type: none">▪ How fast energy can be transferred▪ Measured in ampere (A)
Capacity	<ul style="list-style-type: none">▪ How much charge is inside the battery▪ Measured in milliamp per hour (mAh)
Electrical Energy	<ul style="list-style-type: none">▪ How much energy can be stored▪ Measured in watt-hours (Wh)

3 INPUT AND OUTPUT PORTS

Input Port	<p>Used to charge the Power Bank</p> <ul style="list-style-type: none">▪ Usually a Micro USB connector with a standard voltage of 5V▪ Input current of 0.5A up to 2.0A
Output Port	<p>Used to charge mobile devices</p> <ul style="list-style-type: none">▪ Usually a USB connector with a standard voltage of 5V▪ Output current of 0.5A up to 2.4A▪ USB Type C becomes the new standard with an output current of 3.0A

VARTA Power Bank **Energy Range**



Product Features

- Compact and powerful Li-Polymer battery cells
- Clear capacity classification for better guidance:
 - **5.000/ 10.000/ 15.000/ 20.000 mAh**
- Inputs (max.):
 - Micro USB 5V/2A
 - USB Type C 5V/3A
- Outputs (max.):
 - USB A 5V/2.4A (2x)
 - USB Type C 5V/3A
- Including 50cm black Micro USB charging cable
- Including Advanced Safety Technology Concept with 6 comprehensive safety features



Power Bank Energy 5000



+ 26,5h
Additional
talk time*

Product Features

- Compact and powerful 5.000 mAh Li-Polymer battery cell (1x 5.000 mAh)
- Inputs:
 - Micro USB 5 V/2 A
 - USB Type C 5 V/2.4 A
- Outputs:
 - USB A 5 V/2.4 A (2x)
 - USB Type C 5 V/2.4 A
- 4 white LEDs for charging indication
- Stylish and texturized design to convey brand language
- Including 50 cm black Micro USB charging cable
- Including Advanced Safety Technology Concept with 6 comprehensive safety features

Consumer Benefit

- Convincing price/performance ratio compared to retail competition
- Latest technology trend USB Type C
- Charges multiple devices simultaneously (smartphones and tablets)
- VARTA brand quality ensured

**Hours of time are based on the Samsung Galaxy S9 battery specification on samsung.com to the VARTA Power Bank Energy batteries.
Performance may vary by device.*

Power Bank Energy 10000



+ 55h
Additional
talk time

Product Features

- Compact and powerful 10.000 mAh Li-Polymer battery cell (1x 10.000 mAh)
- Inputs:
 - Micro USB 5 V/2 A
 - USB Type C 5 V/2.4 A
- Outputs:
 - USB A 5 V/2.4 A max. (2x)
 - USB Type C 5 V/3 A
- 4 white LEDs for charging indication
- Stylish and texturized design to convey brand language
- Including 50cm black Micro USB charging cable
- Including Advanced Safety Technology Concept with 6 comprehensive safety features

Consumer Benefit

- Convincing price/performance ratio compared to retail competition
- Latest technology trend USB Type C
- Charges multiple devices simultaneously (smartphones and tablets)
- VARTA brand quality ensured

**Hours of time are based on the Samsung Galaxy S9 battery specification on samsung.com to the VARTA Power Bank Energy batteries.
Performance may vary by device.*

Power Bank Energy 15000



+ 83,5h
Additional
talk time

Product Features

- Compact and powerful 15.000 mAh Li-Polymer battery cell (3x 5.000 mAh)
- Inputs:
 - Micro USB 5 V/2 A
 - USB Type C 5 V/3 A
- Outputs:
 - USB A 5 V/2.4 A max. (2x)
 - USB Type C 5 V/3 A
- 4 white LEDs for charging indication
- Stylish and texturized design to convey brand language
- Including 50cm black Micro USB charging cable
- Including Advanced Safety Technology Concept with 6 comprehensive safety features

Consumer Benefit

- Convincing price/performance ratio compared to retail competition
- Latest technology trend USB Type C
- Charges multiple devices simultaneously (smartphones and tablets)
- VARTA brand quality ensured

**Hours of time are based on the Samsung Galaxy S9 battery specification on [samsung.com](https://www.samsung.com) to the VARTA Power Bank Energy batteries.
Performance may vary by device.*

Power Bank Energy 20000



+ 114h
Additional
talk time*

Product Features

- Compact and powerful 20.000 mAh Li-Polymer battery cell (2x 10.000 mAh)
- Inputs:
 - Micro USB 5 V/2 A
 - USB Type C 5 V/3 A
- Outputs:
 - USB A 5 V/2.4 A max. (2x)
 - USB Type C 5 V/3 A
- 4 white LEDs for charging indication
- Stylish and texturized design to convey brand language
- Including 50cm black Micro USB charging cable
- Including Advanced Safety Technology Concept with 6 comprehensive safety features

Consumer Benefit

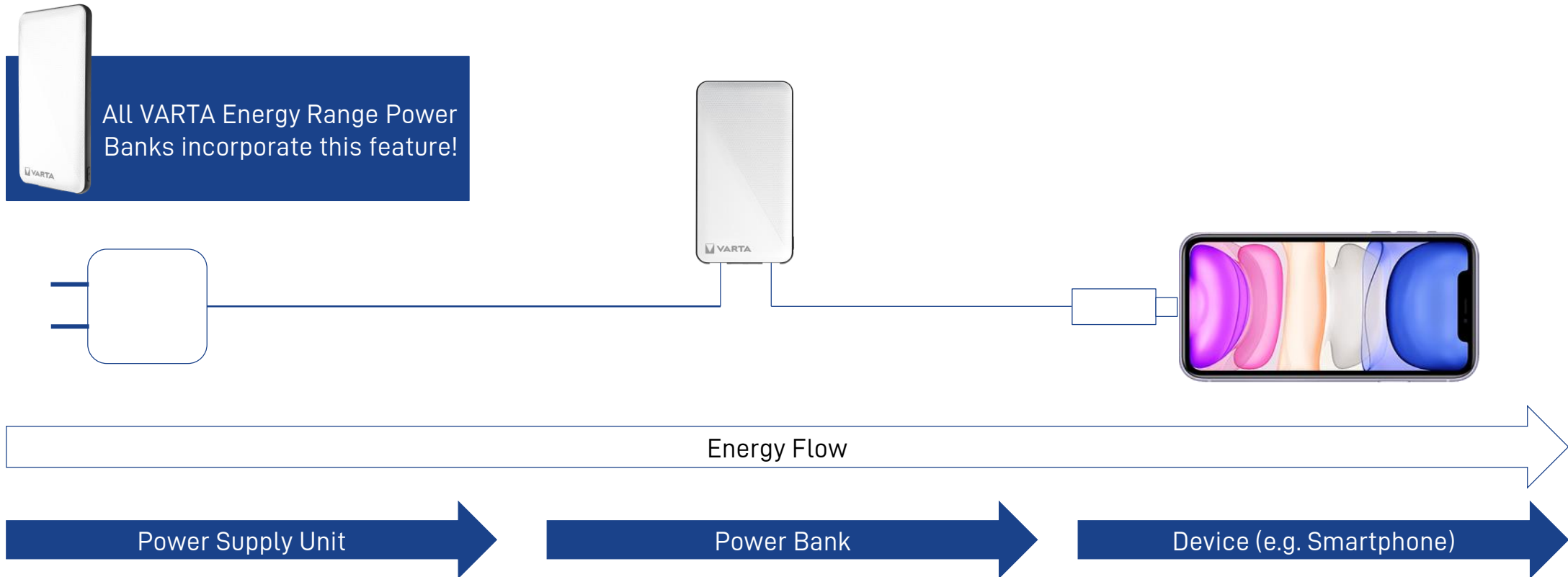
- Convincing price/performance ratio compared to retail competition
- Latest technology trend USB Type C
- Charges multiple devices simultaneously (smartphones and tablets)
- VARTA brand quality ensured

**Hours of time are based on the Samsung Galaxy S9 battery specification on samsung.com to the VARTA Power Bank Energy batteries.
Performance may vary by device.*

Pass-Through-Charging

What is Pass-Through-Charging?

The Power Banks ability to charge **itself** and another **device simultaneously**



VARTA Power Bank **Fast Energy Range**



Fast Power Bank Range

Fast Energy Power Banks

Premium and innovative energy supplier – speed up to the next power level!

The premium range VARTA Fast Energy Power Banks offers USB Type C PD and Quick Charge Interfaces for maximum speed in robust aluminium housing.



Power Bank Fast Energy Range
3 capacities

Power Bank
Fast Energy 10000
Type 57981

The suitable capacity for
for a weekend getaway



+55
HOURS
TALK TIME*



2X USB QC
3.0 A OUT

PD
1X USB TYPE C
3.0 A
IN-/OUT

USB Type C PD port and Quick Charge 3.0 for ultra-fast and Intelligent charging (5W/ 3A; 9W/ 2A; 12W/ 1.5A).



Charges
80%
IN 1 HOUR**



+83
HOURS
TALK TIME*



+114
HOURS
TALK TIME*



Power Bank
Fast Energy 15000
Type 57982

The suitable capacity for
a longer trip

Power Bank
Fast Energy 20000
Type 57983

The suitable capacity for
a high energy need

VARTA Power Bank **Fast Energy Range**



Power Bank Fast Energy Range
3 capacities

Product Features

- Compact and powerful Li-Polymer battery cells
- Clear capacity classification for better guidance:
 - 5.000/ 10.000/ 15.000/ 20.000 mAh
- Inputs (max.):
 - Micro USB 5V/2A; 9V/2A
 - USB Type C PD 5V/3A; 9V/2A
- Outputs (max.):
 - USB Type C PD 5V/3A; 9V/2A; 12V/1.5A
 - USB A QC3.0 5V/3A; 9V/2A; 12V/1.5A (2x)
- Quick Charge and USB Type C PD technology for fast and intelligent charging*
- Including 50cm black Micro USB charging cable
- Including Advanced Safety Technology Concept with 6 comprehensive safety features



10.000 mAh
VKB 57981 101 111



15.000 mAh
VKB 57982 101 111



20.000 mAh
VKB 57983 101 111

Power Bank
Fast Energy 10000
Type 57981
The suitable capacity for
for a weekend getaway



+55
HOURS
TALK TIME*



PD
3.0 A
IN-/OUT

USB Type C PD port and Quick Charge 3.0 for ultra-fast and intelligent charging (5V/3A; 9V/2A; 12V/1.5A).



Power Bank
Fast Energy 15000
Type 57982
The suitable capacity for
a longer trip

+83
HOURS
TALK TIME*



Power Bank
Fast Energy 20000
Type 57983
The suitable capacity for
a high energy need

+114
HOURS
TALK TIME*