



Qoltec Portable Power Bank Monolith | 550W | 500Wh | 2xUSB | LCD

Product code: 50178

Portable power bank with a built-in lithium-ion battery with a total capacity of 139200mAh and an input socket for connecting a solar panel. It is a multi-functional mobile power supply with high output power, guarantees access to a power source, without access to the power grid.

It has a flashlight with SOS mode. It will be perfect if you need power in emergency situations as well as for field work and travel.

YOUR MOBILE ENERGY BANK



The Monolith portable power bank will **provide you with reliable power anywhere, anytime**. This portable power source is the answer to the growing need for external power. The station, thanks to its small size and large number of charging ports, will prove useful on any family trip, at a campground, in an RV, on a boat, but also as an **emergency power source** at home during power breaks.

A PRODUCT WORTH YOUR ATTENTION



The power station will easily **charge most devices** available on the market such as : smartphone, tablet, laptop, digital camera, wireless headphones. Despite its small size, it has a built-in UPS function. In addition, the station is distinguished by :

- Easy operation of the device,
- Built-in inverter responsible for changing direct current to alternating current,
- Fast charging of the device the station is equipped with USB ports with **Power Delivery function**,
- Portable Power Bank can be used as a **UPS as an emergency power source** when we don't have access to the mains,
- **Flashlight function** with SOS mode,
- Equipped with **LCD display**, showing device operation, charging progress, battery level, inverter status and available time,
- **Pure sine wave**,
- Has **2 USB QC sockets**, **2 USB Type C sockets with Power Delivery function** with maximum power of 18W and 60W, and **2 DC cigarette lighter sockets** with maximum power of 150W, car start output with maximum power ,
- Lightweight and handy, it has a **convenient handle to carry the device**,
- The station can **charge and power another device at the same time**.
- Possibility to connect a **solar panel**.

THREE CHARGING OPTIONS



The product has several input ports, making it possible to charge the station using different energy sources.

The station has **3 options** for charging batteries :

- charging **directly from 230V mains**, through the included power supply – allows you to accumulate a larger supply of energy,
- charging from a **DC power source**, a particularly helpful option when driving a car, when we are on the road and want to save time,
- possible connection to a **solar panel**, just connect the station and use solar energy.

ENVIRONMENTALLY FRIENDLY CLEAN ENERGY



You can connect a **solar panel** and gain unlimited access to clean solar energy. In order to accumulate as much energy as possible, all you need to do is to place the panels in a position with adequate sunlight. In turn, when buying a solar panel, we recommend taking into account its power. Remember that the higher the power, the faster it will charge the power station.

FULL SAFETY OF USE



The product is equipped with a number of protections that guarantee full protection for connected devices.

The converter has : **UVP protection** – protects devices from too low voltage at the output, which affects the stability of connected devices, **SCP protection** – is a short circuit protection, **OVP protection** – is protection against too high output voltage and damage to connected devices, **OCP protection** – is protection against too high current on the line, **OTP protection** – is protection against overheating.

CONFIDENCE CONFIRMED BY A WARRANTY

You care about the quality of the product you buy, so our designs and solutions are geared to meet your expectations. Each battery we offer is guaranteed for **24 months** from the date of purchase.

TECHNICAL DATA

Producer	Qoltec
Input parameters	
DC Input	20V/5A power adapter with plug 5.5x2.1
Solar input (PV)	16~24V/1~5A 5.5x2.1 solar panel
Output parameters	
AC Output	220V 10%
AC output power rating	550W
AC output peak power	1100W
AC output overrated power protection	600W
Waveform	Pure sine wave
Output frequency	50 ~ 60Hz
OTHER PARAMETERS	
Built-in battery	Lithium ion battery
Battery capacity	2800mAh/3.7V total capacity 139200mAh Battery power supply : 45Ah/11.1V (500Wh)
Type of charging	0%~100% with automatic switch-off
Battery charging voltage	12.6V 0.1V
Charging time	8~10 hours
Number of charging cycles	up 1000
Display	LCD
Display status	Display of charge status, charge and stop charge, percentage of charge and power, display of DC and AC icons, inverter status and available time
Noise level	do 60 dB (depending on the load)
USB	2 x USB QC 3.0 , 5V/3A, 9V/2A, 12V/1.5A max 18W USB Typ C (PD 5V/3A, 9V/2A, 12V/1.5A max 18W) USB Typ C (PD 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A max 60W)
DC output	12V (2x DC, 1x cigarette lighter socket) 12V/13A~150W max
Car start-up output	12V/50A max
Power consumption	<10W
Source of light	LED flashlight
Usage	Home appliances : TV, Laptop, Projector, Phone, Household appliances : Travel refrigerator, juicer. Power tools Electric bicycle Electric heater Drone LED lighting
Cooling system	2 x fan
Operating temperature	0°C ~ +40°C
Storage temperature	-10°C ~ +40°C
Additional information	BMS
Dimensions (D/L x W x H)	163 x 240 x 177 mm
Package contents	1 x Power bank 1 x Power adapter 1x User manual 1 x Warranty card
Package depth / length [mm]	215
Package height [mm]	295
Package width [mm]	240

Net weight [kg]	4.300
Gross weight [kg]	4.700
Certificate	CE
Warranty	24 month
EAN code	5901878501789