



Santak P-Castle

PORTABLE POWER STORAGE SUPPLIER



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Santak P-Castle is a portable power storage supplier. It has Multiple types of output, such as USB (5V/9V/12V/15V/20V), Cigarette lighter (13.6V), AC socket (220V) for different devices and application. P-Castle equips big capacitance Lithium battery and supports different charge way. It can provide several hours power to devices. P-Castle is also a UPS when connect input to AC mains. P-Castle is an ideal portable power supplier for both outdoor and indoor actives.



Application



Road trip



Camping



Outdoor works



Home use as a UPS



FULL FUNCTION FOR MULTI-APPLICATION

- Multiple types of output for different devices and application.
- USB type-C fast charge port is compliant with PD 3.0 standard, can auto-recognize devices connected and select suitable charge power from 15W to 100W for devices. The USB type-C port on P-Castle can power laptop directly.
- P-Castle support UPS function. It can protect your critical equipment from power loss when indoor use.

EASY FOR USE

- Folding handle saves space and is convenience for carry.
- LCD display provide full information of load percentage, battery capacity and discharge time.
- 3 color LED help customer fast recognize the working status of P-Castle.
- LCD brightness can be adjusted automatically according to the external light.
- Equipped with light for night use, and can be set to SOS flashing when in danger.
- Fast charge capacity. 1 hour to 80% and 1.5 hours to full at fast charge mode.
- Recoverable breaker for over circuit protection and easy to recover.





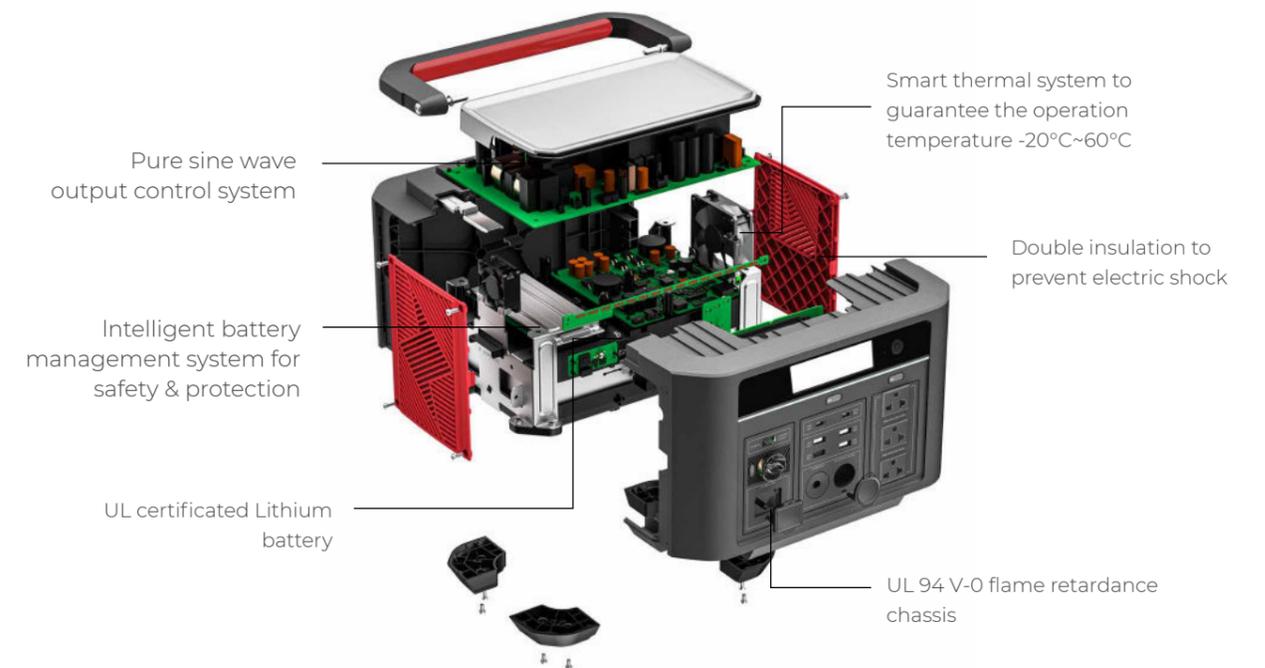
STRONG COMPATIBILITY

- 90~285Vac wide input voltage range for charge. Meet the situation of unstable outdoor input.
- Support -20°C~60°C operation temperature and 4000m altitude.
- i-load intelligent inverter technology enable P-Castle takes higher rating heating equipment. For example, P-Castle C1400 can take 2000W induction cooker.



SAFETY AND RELIABILITY

- UL certificated lithium battery pack.
- CE and UN38.3 certificated for product.
- UL 94 V-0 flame retardance chassis.
- Santak BMS full protection for over voltage, under voltage, over current, short circuit, over temperature, battery equalization.



OPTIONAL ACCESSORY



REFERENCE OPERATION TIME (FOR C1400)



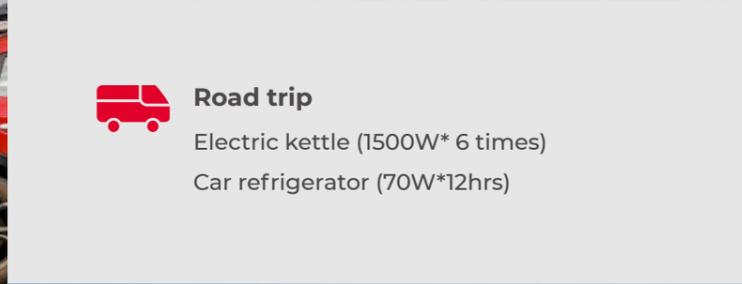
Camping

Projector (100W*8hrs)
Electric cooker (600W*1.3hrs)



Road trip

Electric kettle (1500W* 6 times)
Car refrigerator (70W*12hrs)



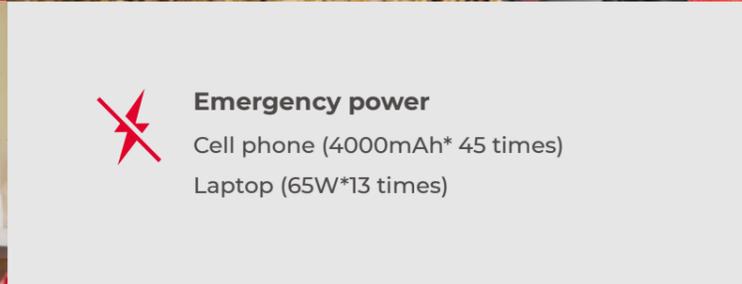
Photographic

Unmanned aerial vehicle (UAV) (40W* 20 times)
Motion camera (3.3W*12hrs)



Emergency power

Cell phone (4000mAh* 45 times)
Laptop (65W*13 times)



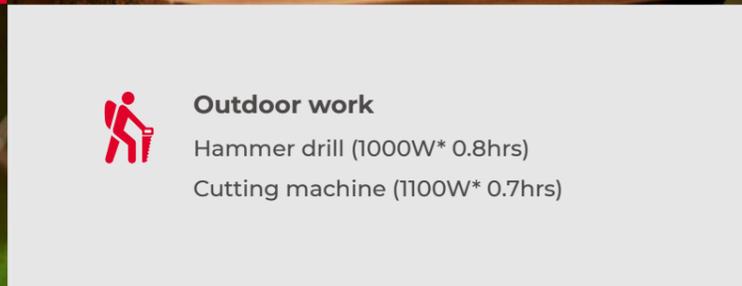
Night market

Light (20W* 50hrs)
Refrigerator (120W* 6.8hrs)



Outdoor work

Hammer drill (1000W* 0.8hrs)
Cutting machine (1100W* 0.7hrs)



OUTLOOK

- 1 AC ON/OFF Switch
- 2 DC ON/OFF Switch
- 3 USB-C Fast Charger X2
- 4 USB-A DC output X4
- 5 Cigarette Lighter Socket X1
- 6 220V AC output X2
- 7 DC input (for solar / car charger)
- 8 Light
- 9 AC input
- 10 5525 DC Output 12V



C1400



C700

TECHNICAL DATA

	C700	C1400
Input		
AC input range	90~285Vac	90~285Vac
Solar charger input	10-30Vdc, 10A max, 200W max	10-60Vdc, 10A max, 400W max
Car charger input	13.6Vdc, 10A max	13.6Vdc, 10A max
Output		
Total power rating (AC+DC)	700VA/700W	1400VA/1400W
AC output	2 sockets, 220V/50Hz, 700VA/700W max	2 sockets, 220V/50Hz, 1400VA/1400W max
USB type A	3 ports, 5V/9V/12Vdc 2.4A max per port	4 ports, 5V/9V/12Vdc 2.4A max per port
USB type C	1 port, 5V/9V/12V/15Vdc 3A max, 20Vdc 3.25A max	2 ports, 5V/9V/12V/15Vdc 3A max, 20Vdc 5A max per port
Cigarette lighter	1 port, 13.6Vdc 10A max	1 port, 13.6Vdc 10A max
DC5525	2 ports, 12Vdc 3A max per port	N/A
Battery		
Type	Lithium battery (NCM)	Lithium battery (NCM)
Capacity	524Wh	1010Wh
Physical		
Dimensions(L*W*H)	269*190*190 mm	345*235*228mm
Net weight	7.5kg	12.1kg
Environment		
Discharge temperature	-20~60°C	
Charge temperature	0~50°C	
Humidity	0~95%	
Altitude	4000m	
Protection Class	IP20	
Compliance Standard		
Safety	EN/IEC 62040-1, UN38.8	
EMC	EN/IEC 62040-2, EN55032, EN55035	

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