

PORTABLE POWER
STATION

Product Application Scenarios

HPQ0300E ~ 3000E SERIES

Product Features

- Safe And Reliable
- LiFePO4 battery, safer and longer cycle life
 - Comprehensive system design to provide eight-fold safety protection for the battery.
- Strong Adaptability
- Diversified charging methods, support AC charging, PV charging, on-board charging, etc.
 - Abundant output ports to power multiple devices simultaneously.
 - Pure sine wave AC output, no damage to electrical appliances, stronger adaptability.

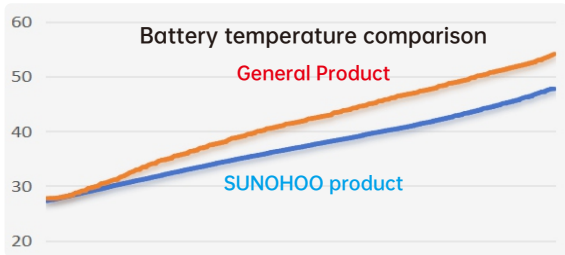


- Simple And Portable
- The hidden handle design makes it easier to carry outdoors.

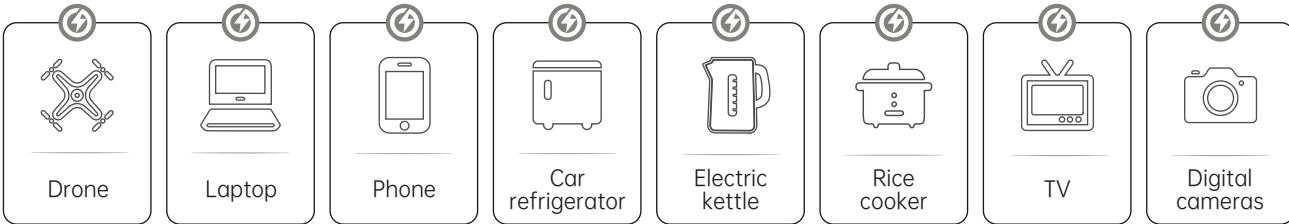
Product Highlight

- More adaptable
- AC160~280V ultra-wide charging voltage input range, greater than industry mainstream 180~260V
 - Power grid self-adaptation, supporting normal power generation under weak grid conditions.
 - Customizable design to meet different customer needs.
- Higher Power
- Equipped with uphill driving function, with higher load power and more types of loads.
- More Intelligent
- Voice control function.(Optional)
 - With automatic dust removal function.
 - Can set the photovoltaic grid-connected mode.

- Longer Service Life
- Accurate temperature control of battery, 5°C lower than mainstream products, and longer battery life.
 - Low charging ripple reduces impact on the battery and extends its lifespan.



Application Scenarios



Digital entertainment, outdoor use, do whatever you want, no need to worry about power problems, say goodbye to battery life anxiety

HPQ0300E ~ HPQ0700E Product Data Sheet

MODEL	HPQ0300E	HPQ0400E	HPQ0500E	HPQ0600E	HPQ0700E
Battery Capacity	512Wh				
Output specifications					
AC Output (*2)	230Vac~1.3A,50/60Hz Total 300W(Peak 600W)	230Vac~1.8A,50/60Hz Total 400W(Peak 800W)	230Vac~2.2A,50/60Hz Total 500W(Peak 1000W)	230Vac~2.7A,50/60Hz Total 600W(Peak 1200W)	230Vac~3.1A,50/60Hz Total 700W(Peak 1400W)
AC Output bypass mode (*2)	220-240Vac,50/60Hz,Total 1495W				
USB-A 1 Fastcharge Output(*1)	5/9/12Vdc~1.5A; 18W Max				
USB-A2/3 Output (*2)	Single 5Vdc~2.4A;Total 5Vdc~3A;15W Max				
TYPE- C Output (*1)	5/9/12/15Vdc~3A; 20Vdc~5A;100W Max				
DC12V Output (*2)	Single 12Vdc~3A				
Car Charging Port Output	12Vdc~10A, 120W Max				
Wireless Charging Output	5W/7.5W/10W/15W				
LED Emergency Lighting	2W,3 gear adjustment				
DC12V output and car charging port output power sharing, maximum output 120W.					
Input specifications					
Charging Power	220-240Vac,50/60Hz,10A Max				
Charging Time	AC direct charging/1.3 hours				
Solar Charging Input	11V~50Vdc,Max 13A、 300W				
Car Charging Input	12V/24Vdc,Max 8A、 100W				
Battery parameters					
Cell Material	LiFePO4				
Battery Standard Cycle Life	3000 cycles to 80+% capacity				
Protection Features	High temperature protection, low temperature protection, charging overvoltage protection, discharge undervoltage protection, charging overcurrent protection, discharge overcurrent protection, overload protection, short circuit protection				
The standard cycle life of the battery is measured in the laboratory at an ambient temperature of 25°C, and the actual data will vary according to the specific use of the user.					
General parameters					
Dimension. W*D*H(mm)	280*190*196				
Weight (kg)	6.3				
Operating Environment					
Charging Ambient Temperature	0°C~45°C				
Discharge Ambient Temperature	-10°C~45°C				
Storage Ambient Temperature	-20°C~45°C				
Humidity	10~95% (Non-condensing)				
Altitude	< 2000m				
Protection Degree	IP20				
Certifications					
Authentication Certificate	CE-RED(Safety&EMC)、UKCA-RED(Safety&EMC)、RCM、SAA、RoHS、UN38.3				
Note: Whether this series of products can be charged and discharged normally is determined by the actual temperature of the battery pack.					

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Specifications are subject to change without advance notice.