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Areswatt New Energy

F1200

Large Capacity Portable Power Station

Product features

Ultra-Large Capacity
1024Wh ultra-large capacity battery equipped with 1200W rated power output. Battery capacity increased by 100% compared to F800, meeting household emergency and medium-sized equipment long-term power needs

Rich Interface Configuration
Comprehensive output interfaces: AC outlets, DC outlet, USB-PD 100W fast charging, USB-PD 20W, USB-A QC3.0, simultaneously providing power support for more devices

High-Efficiency Charging System
1.2-hour ultra-fast charging, supports dual solar and AC charging methods, 1000W maximum AC input power, charging efficiency improved by 150% compared to F800.

Professional-Grade Portability
Compact design, 11.5KG weight, dimensions 324×205×262mm, maintaining excellent portability despite large capacity, suitable for household emergencies, outdoor work and other scenarios.

Safety and Stability
Adopts LiFePO4 lithium iron phosphate battery technology, 3500+ cycle lifespan, capacity retention rate >80%, equipped with comprehensive BMS protection system, providing 2-year standard warranty service.

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Technical Parameters

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Model	F1200
Main Parameters	
Rated watts unit	1200W
Capacity	1024Wh
Recharge temperature	0-40°C
Discharge temperature	-15-40°C
Charging time	1.2 hours
Charging method	By Solar Power or Plug in nett power
Battery Type	Lithium LiFePO4
Life Cycle	3500+ cycles, life capacity>80%
Warranty	2-year warranty
Input Parameters	
AC Input	1000W Max
UPS	Transform Time≤10ms
PV Solar Input	200W
Car Input	12V/24V
Output Parameters	
Out put sockets*3(EU)	2*US Sockets
Output sockets: EU sockets	220v-230v,50/60Hz
Car cigarette outlet *1	120W,Max,12V/10A
Fast charge outlet	NA
USB-PD 100W*1	5/9/12/15/20V DC, up to 5A, 100W Max
USB-PD	1*20W
USB-A	2*USB-A QC3.0
Physical Parameters	
Weight	11.5Kg
Size	324*205*262mm
Packing Carton	44*31*42cm
Control Panel Contents	1*LED Display
	4*USB Interface
	1*DC Sockets
	3*AC Sockets
Other Parameters	
Input	1*Adapter+1*CAR+1*Solar (Converged on one port)
Manual	English+German+French+Spanish+Italy+Polish+Ukraine
HS codes	8507600090
Packing on pallets	Carton box
MOQ for Branding	300
Pallet packing MOQ	Units 40 pcs/excluding panels

Technical Support

For more information about operating environment, technical parameters and customized solutions, please consult our technical specialists.

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