



VOLT X 3

POWISER ULTRA 12K



Fast
Switchover



Split-Phase
120V/240V



Mobile Energy
Storage System



Smart App
Control



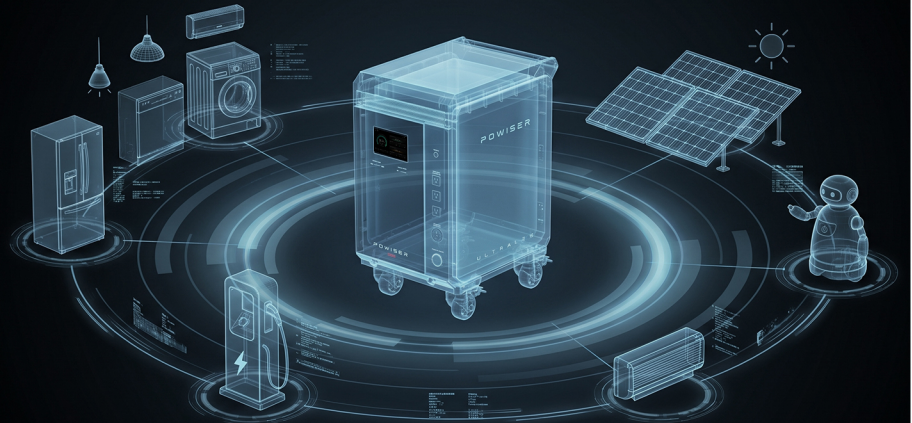
Scheduled
Charge &
Discharge



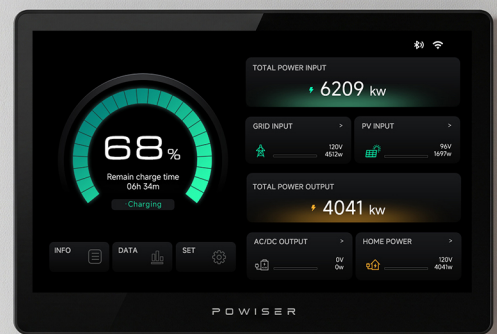
Supports
Multi-unit
Parallel Operation



AI-powered EMS
with comprehensive
smartphone control



Household energy
monitoring



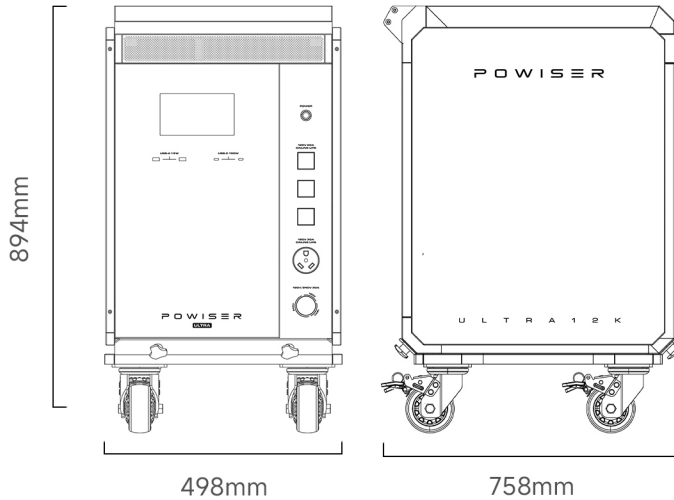
High temperature protection
of aerosol batteries



6 Maximum
Parallel Quantity



ULTRA 12K

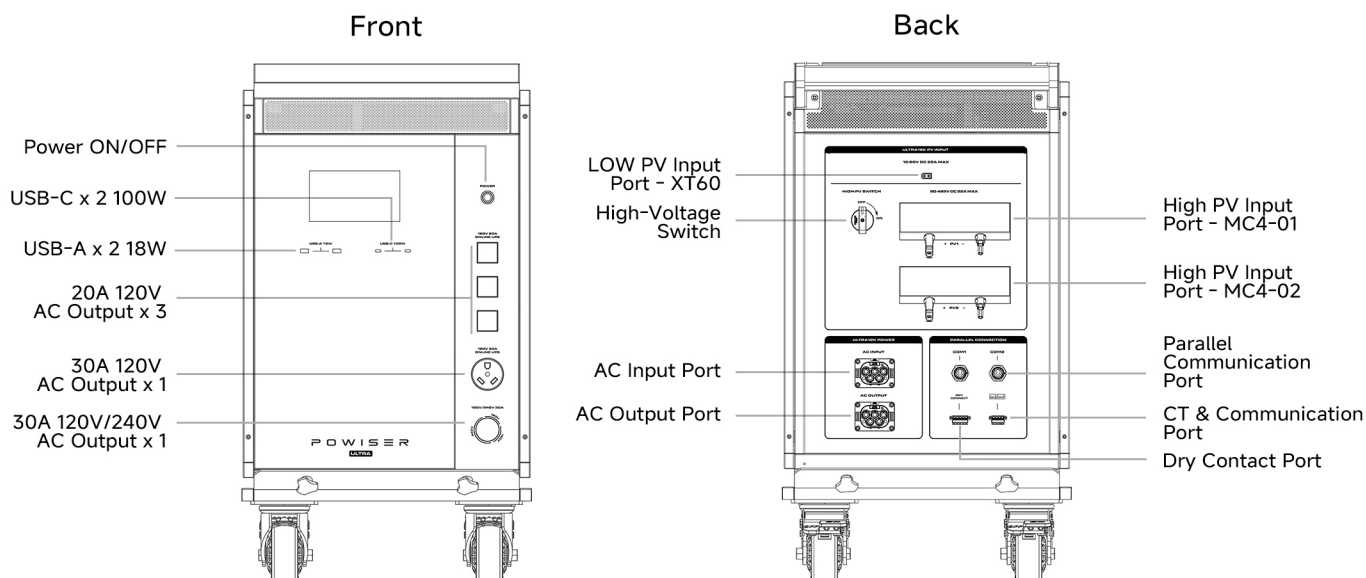


· Technical Specifications

Parallel Mode	Maximum Parallel Quantity	1-6
DC Output	· USB Type A - Number of Interfaces - Output Power (Max) - Overcurrent Protection · USB Type C - Number of Interfaces - Output Power (Max) - Overcurrent Protection	2 ports 2 channels 18W, QC3.0 Yes 2 ports 2 channels 100W, PD Yes
AC Output	Rated Output Power Maximum Peak Power Overload protection Rated Output Voltage Rated Output Frequency Output Waveform UPS Transfer Time	12000W/12000VA 18000VA (102% < Load < 110%) ±10%: Error reported and output shuts down after 5 minutes; (110% < Load < 125%) ±10%: Error reported and output shuts down after 10 seconds; Load > 125% ±10%: Error reported and output shuts down after 5 seconds; 120Vac (L1/N, L2/N)/240Vac(L1/L2) 50Hz/60Hz Pure Sine Wave 10ms (typical)

Battery	Battery Type	Lithium Iron Phosphate
	Rated Battery Voltage	51.2Vdc
	Voltage Range Maximum Mains	40-58.6 Vdc
	Power/Generator Charging Current	160A
	Maximum Hybrid Charging Current	200A
High Voltage Photovoltaic Input	Number of MPPT Channels	2
	Maximum Input Power	10000W (PV1: 10000W/PV2: 10000W)
	Maximum Input Current	32/32A (PV1/PV2)
	Maximum Open-Circuit Voltage	500Vdc
	MPPT Operating Voltage Range	90-485Vdc
Low Voltage Photovoltaic Input	Maximum Input Power	1300W
	Maximum Input Current	22/22A
	Maximum Open-Circuit Voltage	60Vdc
	MPPT Operating Voltage Range	12-60Vdc
Mains Power/ Generator Input	Rated Input Voltage	120Vac(L1/N, L2/N)/240Vac(L1/L2)
	Input Voltage Range	85-140Vac
	Frequency Range	50/60Hz
	Bypass Overcurrent	String, 60 A/60A (L1,L2)
Efficiency	MPPT Tracking Efficiency	99.9%
	Battery Inverting Maximum Efficiency	>92%
Basic Parameters	Protection Rating	IP20, for Indoor Use
	Ambient Temperature	-15-55°C, derating operation above 45°C
	Noise	<60dB
	Cooling Method	Forced Air Cooling
Communication	Built-in Interface	CAN
	Dimensions (L*W*H)	498x758x894mm
	Weight (kg)	140KG

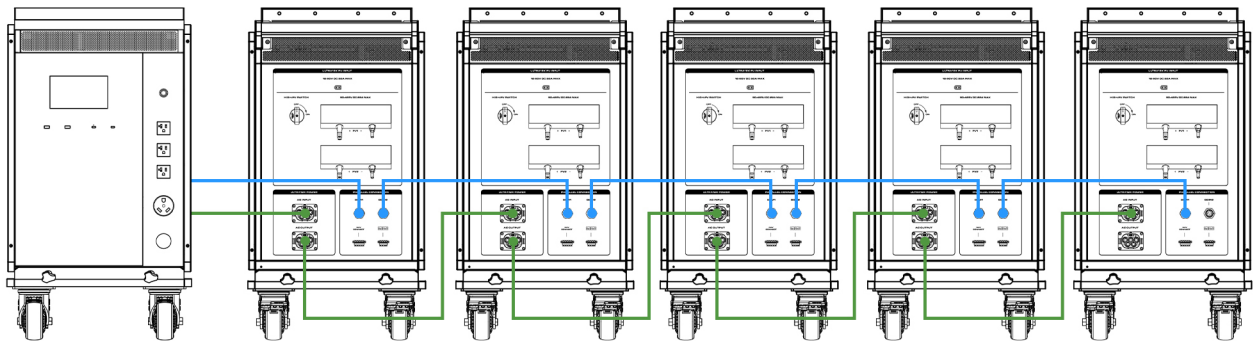
· Product Overview



· Capacity expansion connection method

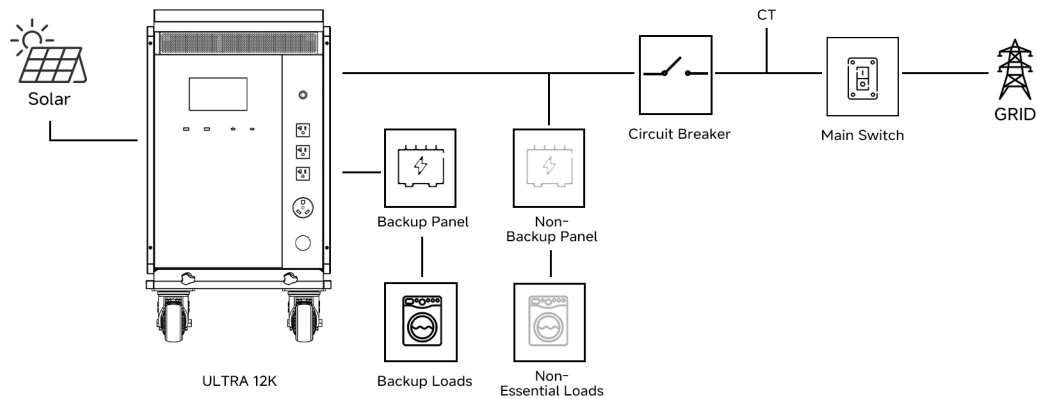
72KW

ULTRA 12K x 6

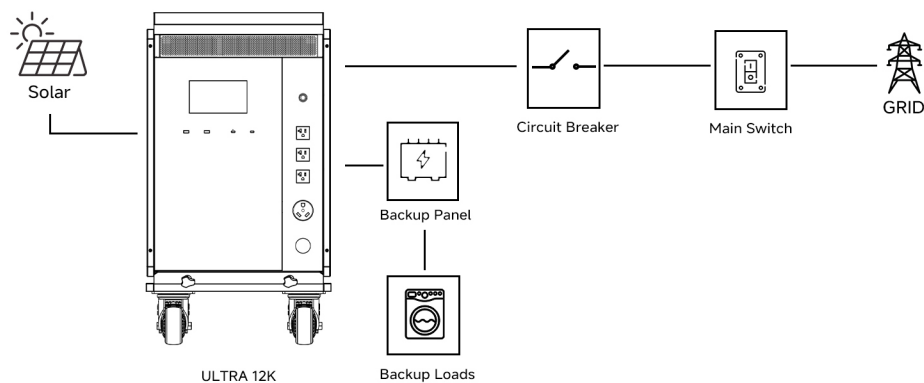


· Example System Configurations

1.CT



2.UPS



3.ATS

