



GREENESS™

GreenVolt Pro Battery System

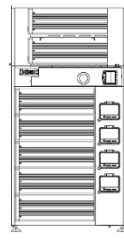
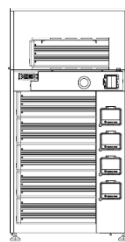
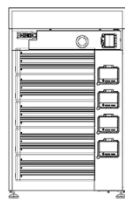
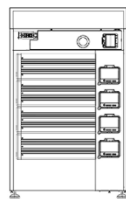
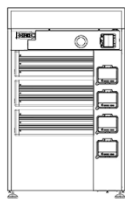
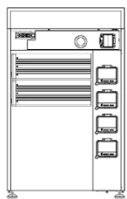
Mint 4870-2S/3S/4S/5S/6S/7S

UNLEASH VERSATILITY

Custom connectors enable flexible use in series or parallel, adapting seamlessly to diverse energy storage needs.

SAFE POWER

GreenVolt Pro S.G.S.C. technology delivers rapid discharge, efficient recharging, and dual-level output protection for secure, reliable energy storage and cost savings.



Product Type Model	Mint 4870-2S	Mint 4870-3S	Mint 4870-4S	Mint 4870-5S	Mint 4870-6S	Mint 4870-7S
Technical Specifications	Standard Parameter					
Battery Type	LiFePO4 Prismatic Cell					
Battery Module	3.533kWh, 28kg					
Nominal Energy*	7.065kWh	10.598kWh	14.131kWh	17.664kWh	21.196kWh	24.729kWh
Nominal Voltage	102.4V	153.6V	204.8V	256V	307.2V	358.4V
Rated DC Power **	3.533kW	5.299kW	7.065kW	8.832kW	10.598kW	12.365kW
Maximum DC Power **	7.065kW	10.598kW	14.131kW	17.664kW	21.196kW	24.729kW
Operating Voltage	80~115.2V	120~172.8V	160~230.4V	200~288V	240~345.6V	280~403.2V
Continuous Charge Current ***	34.5A					
Continuous Discharge Current	34.5A					
Maximum Charge Current	34.5A					
Maximum Discharge Current	69A					
Depth of Discharge	Maximum 100 % DoD (Settable)					
Short Circuit Current	3000A/10ms					
Display	SOC Indicator , Status Indicator					
Communication Interface	CAN	CAN	CAN	CAN	CAN	CAN
Over/Under Voltage Protection	YES	YES	YES	YES	YES	YES
Over Current Protection	YES	YES	YES	YES	YES	YES
Over/Under Temperature Protection	YES	YES	YES	YES	YES	YES
DC Breaker	YES	YES	YES	YES	YES	YES
Dimensions (WHD, mm) ****	720*1167*280	720*1167*280	720*1167*280	720*1167*280	720*1415*280	720*1415*280
Weight	94kg	122kg	150kg	178kg	210kg	238kg
Installation Location	Indoor/Outdoor					
Operating Ambient Temperature Range	Charge: -10 °C - 50 °C Discharge: -20 °C - 55 °C					
Degree of Protection	IP25					
Cycle Life	8000 Cycles: Condition: Maximum 0.5C Charge/Discharge at 25±2°C,DoD:80%					
Allowable Relative Humidity Range	0 % - 95 % No Condensing					
Maximum Operating Altitude	Maximum 2000 m					
Cooling Method	Natural Convection					
Certificates	UL1973,UN38.3					
Warranty*****	10 Years					
Country of manufacture	China					

* Test conditions: 25°C, 100 % depth of discharge (DoD), 0.2C charge&discharge.

** The system supports a maximum discharge rate of 1C. The actual maximum discharge power depends on the battery system configuration and project-specific requirements.

*** Nominal charge / discharge current and DC power derating will occur related to temperature and SOC.

**** The height of Mint 4870-2S/3S/4S/5S includes the top cover.

***** Refer to battery warranty letter for conditional application.