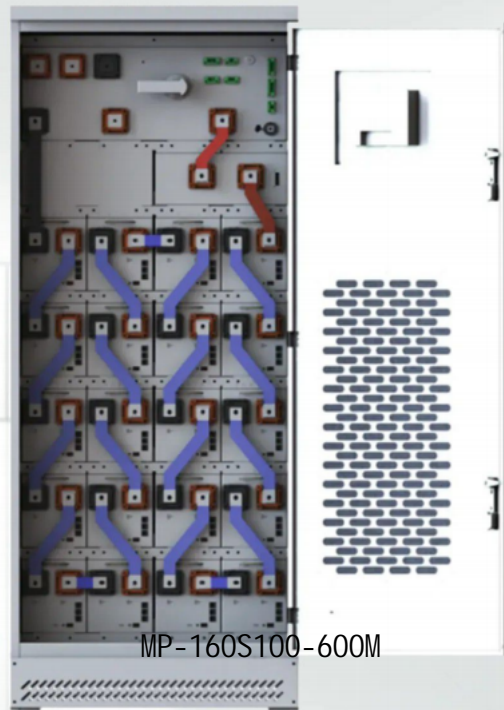


MP-160S100-600M

51.2KWh Energy Storage support 5C 500A Discharge

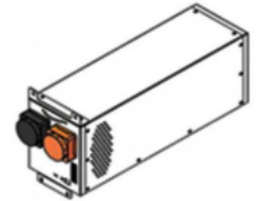
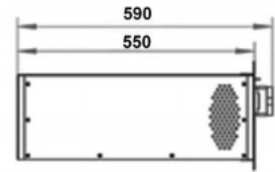
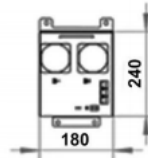


- ⚡ Superior Performance and Reliability :** experience Top-tier Performance and consistent Reliability for UPS and Data Centers
- ⚡ Effortless Accessibility :** front-facing Connectors for simplified Access to Installation and Maintenance
- ⚡ Power and Precision :** 51.2kWh Cabinet with Switchgear and 20 Battery Modules delivers both Power and Precision
- ⚡ Intelligent Battery Management :** each Module is precisely connected to eight Series of 100Ah, 3.2V Cells, complemented by a dedicated BMS equipped with Cell Balancing Capabilities
- ⚡ Custom Compatibility :** enable Customization for Compatibility with various UPS Brands and Models

TECHNICAL SPECIFICATIONS

Rack Specification

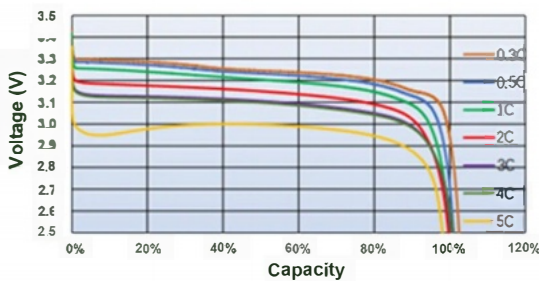
Voltage Range	430V-576V
Charge Voltage	550V
Cell	3.2V100Ah
Series & Parallels	160S1P
Number of Battery Module	20
Rated Capacity	100Ah
Rated Energy	51.2kWh
Max Discharge Current	500A
Peak Discharge Current	600A/10S
Max Charge Current	100A
Max Discharge Power	215kW
Output Type	P+/ P- or P+/N/ P- by request
Dry Contact	Yes
Display	7 inch
System Parallel	Yes
Communication	CAN/RS485
Short-Circuit Current	5000A
Cycle life @25°C 1C/1C DoD100%	> 2500
Operation Ambient Temperature	0°C-35 °C
Operation Humidity	65±25%R.H.
Operation Temperature	Charge: 0 °C~55°C ischarge: -20°C~65°C
System Dimension	800mm X 700mm X 1950mm
Weight	630kg



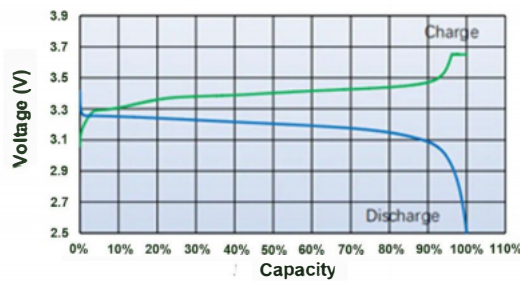
Performance Data

Time	15min	30min	45min	60min
Constant Power	9300kW	4920kW	3280kW	2510kW
Constant Current	400A	212A	141A	108A

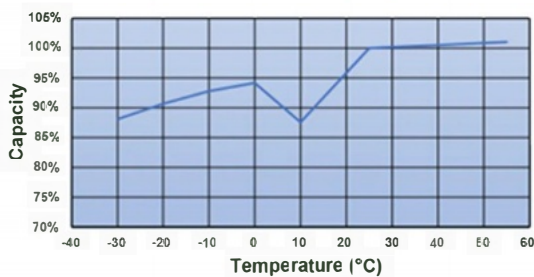
Discharge Performance at 25°C



Charge and Discharge at 25°C, 1C



Temperature effects on capacity at 1C



Cycle life at 25 °C
3C discharge and 1C charge

