



PU-200

Semi-Solid Innovation Rock-Solid Foundation



Ultimate Safety

- Highly Stable LFP Chemistry
- Semi-Solid State Technology
- UL 9540A Tested
- Module and Rack Level Fire Suppression
- System Real-Time Leakage Current Detection



Ultimate Power

- High Power 10CP Cell Designed for Datacenters
- Only 3 Cabinets for 1250 kW UPS, 33% Space Savings
- Perfect Fit for EPOD Installation



Ultimate Flexibility

- Battery Modules Shipped Pre-Installed or Separately, Flexible for Tradition or EPOD Installations
- Plug & Play Front Maintenance BMS
- Redundant AC & DC Power Supply



462kW

Cabinet Continuous Power

Semi-Solid State

No Electrolyte Leakage Risk for the Lifespan

10 CP / 15 CP

5min EOL / 2min EOL

30°C

High Operating Temperature

865kW/ m²

High Power Density Small Foot-print

15Y

Calendar Life(SOH>80%)



Ampace, a global leader in advanced energy storage solutions, is at the forefront of lithium-ion battery innovation. As a pioneer in data center energy solutions, Ampace delivers safer, more stable, next-generation technologies to support the growing energy demands of AI-driven systems. Ampace is driving smarter, cleaner energy ecosystems and contributing to the development of carbon-neutral data centers and sustainable energy infrastructure.

Category	Rack
Configuration	7 to 12 Modules
Capacity (Ah)	92
Operating Voltage (V)	537.6~662.4
Energy (kWh)	56.52 (Max)
Power (kW)	462 (12 Modules)
Dimension (mm)	(W)600*(H)2050*(D)890
Weight (kg)	900 (Max)
Power Density (kW/m ²)	865
Design Life (Y)	15
Expandability	8 Racks
Certification	UL1973/UL9540A/IEC62619/IEC62477/IEC62040/FCC/EMC/AC156 etc.

NOTE

*Nominal Charge / Discharge and power derating will occur related to Temperature and SOC.

*Please visit Ampace website for the latest certificates.

*All pictures shown are for reference only. Actual appearance may vary.

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PU-100

Safety is Top Priority

No Electrolyte Leakage Risk for the Lifespan



Ultimate Safety

- Highly Stable LFP Chemistry
- UL 9540A Tested
- Module and Rack Level Fire Suppression



Ultimate Power

- High Power 6CP Cell Designed for Datacenters
- 4 Cabinets for 1250kW UPS
- Perfect Fit for EPOD Installation



Ultimate Flexibility

- Battery Modules Shipped Pre-Installed or Separately, Flexible for Tradition or EPOD Installations
- Plug & Play Front Maintenance BMS
- Redundant AC & DC Power Supply



329kW

Cabinet Continuous Power

548kW/m²

High Power Density Small Foot-print

70°C

High Chargeable Temperature

6 CP

10min EOL

15Y

Calendar Life (SOH>80%)



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Category	Rack
Configuration	16S2P*12
Nominal Capacity (Ah)	104
Nominal Voltage (V)	614.4
Nominal Energy (kWh)	63.89
Operating Voltage (V)	537.6-662.4
Charge Current (A)	104 (Max)
Output Power(kW)	329 (Max)
Dimension(mm)	(W)600*(H)2000*(D)1000
Weight(kg)	900 (Max)
Expandability	8 Racks
Certification	UL1973/UL9540A/FCC/EMC/IEC62619/IEC62477-1/IEC62040-1 ROHS/REACH/Battery Directive/IEC62620/AC156

NOTE

*Nominal Charge / Discharge and power derating will occur related to Temperature and SOC

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