

NEXT GENERATION

LFP BATTERY SYSTEM FOR UPS & DATACENTRE RU SERIES

DUAL STRING CONFIGURATION FOR REDUNDANCY
& INCREASED RELIABILITY

SUPER-SAFE LFP TECHNOLOGY

VERY HIGH DCH CURRENT UP TO 1200A

MODULAR DESIGN FOR SCALABLE EXPANSION

384V~640V 100Ah/200Ah 38.4kWh~1638.4kWh



KEY ADVANTAGES



MODULAR DESIGN

100Ah modules
One cabinet size

FLEXIBLE CONFIGURATIONS

384-640V
50kW to 570kW



CAPACITY

100Ah to 640V (Single String)
200Ah to 512V (Dual Strings)

- Advanced BMS with three safety levels functionality
- Up to 16 parallel cabinets
- 1.6MWh energy total
- Cabinet pre-charge
- Active balancing of parallel units
- Convenient top or bottom cable entry
- 2-wire or 3-wire connection options
- Shipped with modules pre-installed or separate.

General Specification

Cabinet size (mm)	2200 (H) x 1000 (D) x 600 (W)							
Operating Temperature	Discharge -15°C~50°C, Charge 5°C~45°C(15°C-30°C recommended)							
Cooling	Air-cooled							
Cabinet Ingress	IP20							
Communication	RS485/ CAN / LAN /Dry contacts							
Series	RU							
Capacity(Ah)	100					200		
Model	384V100	448V100	512V100	576V100	640V100	384V200	448V200	512V200
Voltage(V)	384	448	512	576	640	384	448	512
Max Current(A)	600					1200		
Energy(kWh)	38.4	44.8	51.2	57.6	64.0	76.8	89.6	102.4
Max DCH Power(kW)	213.75	249.37	285.00	320.62	356.25	427.50	498.75	570.00
Charge Voltage (V)	414	483	552	621	690	414	483	552
Discharge Cutoff Voltage (V)	336	392	448	504	560	336	392	448
Weight (kg)	640	690	740	790	840	1000	1100	1250

