

# OPTIM US A200-OMNI

M5-200kWh-1000V



**203.8~1222.8kWh**



**100~600kW**



**0.5C**



**400Vac**



**Flexible Configuration**



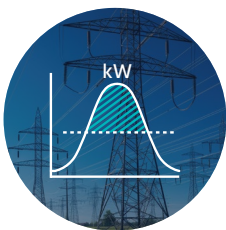
**Superior Safety**



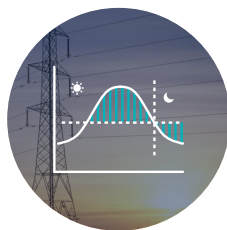
**All in One Solution**



**Easy Set-up & Maintenance**



**Peak Shaving**



**Energy Shifting**



**Self-Consumption**



**Backup**

# A200-OMNI

| General Data                           |  | M5-200kWh-1000V           |
|----------------------------------------|--|---------------------------|
| Dimension (W*D*H mm,w/o inverter)      |  | 11310*1627*2212           |
| Weight (tons)                          |  | 2.8                       |
| Working Temperature Range (°C)         |  | -20~55                    |
| Protection Class                       |  | IP55                      |
| Altitude (m)                           |  | 3000*                     |
| Humidity                               |  | 0~95%                     |
| Fire extinguishing                     |  | Aerosol                   |
| Cooling System                         |  | Air Cooling               |
| Anti-corrosion                         |  | C3                        |
| Round-trip Efficiency@ 0.5C-rate       |  | 87%                       |
| Battery Data                           |  |                           |
| Battery Type                           |  | Li-ion (LFP)              |
| Nominal Capacity (kWh)                 |  | 203.84                    |
| Continuous Operation C-rate            |  | 0.5C                      |
| DC Voltage Range (Vdc)                 |  | 728~923                   |
| Max. /Continuous Operation Current (A) |  | 150                       |
| PCS DC/AC Data On-grid Mode            |  |                           |
| PCS number                             |  | 1                         |
| Rated AC Power (kW)                    |  | 100                       |
| Rated AC Output Frequency (Hz)         |  | 50~60                     |
| Operation Mode                         |  |                           |
| PCS number                             |  | Modbus TCP/IP, Modbus RTU |
| Rated AC Power (kW)                    |  | AC Coupled/Load Optimized |

\*Degration at Altitude above 2000m

| A200-OMNI | System configuration |                |       |       |       |       |       |       | Min. configuration     |
|-----------|----------------------|----------------|-------|-------|-------|-------|-------|-------|------------------------|
|           | Cabinet QTY          | PCS Number kWh | 1 100 | 2 200 | 3 300 | 4 400 | 5 500 | 6 600 |                        |
|           | 1                    | 203.8          |       |       |       |       |       |       | Standard configuration |
|           | 2                    | 407.6          |       |       |       |       |       |       |                        |
|           | 3                    | 611.4          |       |       |       |       |       |       |                        |
|           | 4                    | 815.2          |       |       |       |       |       |       |                        |
|           | 5                    | 1019           |       |       |       |       |       |       |                        |
|           | 6                    | 1222.8         |       |       |       |       |       |       |                        |