



**PROFESSIONAL
ENERGY STORAGE PACK**

LiqPack-1P52S 280Ah

LiqPack-1P48S 280Ah



- Liquid-cooled pack
- Suitable for container and cabinet energy storage systems
- Thermal insulation between cells, eliminating heat diffusion
- Uniform temperature difference within 2 °C , ensuring stability and reliability
- Metal casing with thermal insulation, preventing heat diffusion at temperatures up to 1000°C
- Great flow channel design optimized through thermal simulation technology
- High safety standard: UL 9540A
- High protection level: IP 67
- Worldwide certifications: UL9540A, UL1973, IEC62619, IEC61000 and UN38.3

| Product Type | LiqPack-1P52S | LiqPack-1P48S |
|---------------------------|----------------------|----------------------|
| Cell Capacity | 280 Ah | 280 Ah |
| Configuration | 1P 52S | 1P 48S |
| Charging/Discharging Rate | 0.5 C | 0.5 C |
| Cooling Method | Liquid cooling | Liquid cooling |
| Rated Capacity | 280Ah@0.5C | 280Ah@0.5C |
| Battery System Voltage | 1000/1500 Vd.c. | 1000/1500 Vd.c. |
| Rated Energy | 46.592 kWh | 43.008 kWh |
| Protection Level | IP67 | IP67 |
| Dimensions | W786*D1141*H251.5 mm | W786*D1068*H251.5 mm |
| Product Weight | ≈360 Kg | ≈330 Kg |
| Maritime Standard | UN38.3 | UN38.3 |
| Applications | Container or Cabinet | Container or Cabinet |

Testing&Certification



UL1973 UL9540A IEC62619 IEC61000

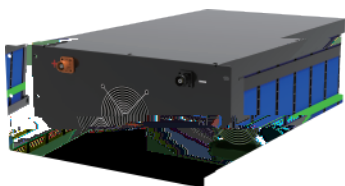


GB/T36276 UL1973 UL9540A IEC62619 IEC61000

AirPack-2P12S 300Ah

AirPack-1P16S 280Ah

AirPack-1P24S 150Ah



- Air-cooled pack
- Suitable for container and cabinet energy storage systems
- Mature technology
- Affordable cost
- Protection level: IP2X
- Transportation standard: UN383.3

| Product Type | AirPack-2P12S | AirPack-1P16S | AirPack-1P24S |
|---------------------------|----------------------|----------------------|----------------------|
| Cell Capacity | 300 Ah | 280 Ah | 150 Ah |
| Configuration | 2P 12S | 1P 16S | 1P 24S |
| Charging/Discharging Rate | 0.5 C | 0.5 C | 1.0 C |
| Cooling Method | Air cooling | Air cooling | Air cooling |
| Rated Capacity | 300Ah@0.5C | 280Ah@0.5C | 150Ah@1.0C |
| Battery System Voltage | 1000 Vd.c. | 1000/1500 Vd.c. | 1000/1500Vd.c. |
| Rated Energy | 11.52 kWh | 14.336 kWh | 11.52 kWh |
| Protection Level | IP2X | IP2X | IP2X |
| Dimensions | W450.5*D693*H242 mm | W470*D833*H225 mm | W470*D785*H225 mm |
| Product Weight | ≈99 Kg | ≈113 Kg | ≈96.5 Kg |
| Maritime Standard | UN38.3 | N/A | UN38.3 |
| Applications | Container or Cabinet | Container or Cabinet | Container or Cabinet |

Testing&Certification



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IEC62619 IEC61000