

Innovation
for a Better Life



CHANGE YOUR ENERGY CHARGE YOUR LIFE



RESU



Compact Size & Easy Installation

The compact and lightweight nature of the RESU is world-class. It is designed to allow easy wall-mounted or floor-standing installation for both indoor and outdoor applications. The inverter connections have also been simplified, reducing installation time and costs.



Powerful Performance

The new RESU series features industry-leading continuous power (4.2kW for RESU6.5) and DC round-trip efficiency (95%). LG Chem's L&S (Lamination & Stacking) technology provides durability ensuring 80% of capacity retention after 10 years.



Proven Safety

LG Chem places the highest priority on safety and utilizes the same technology for its ESS products that has a proven safety record in its automotive battery. All products are fully certified in relevant global standards.

RESU

Change Your Energy, Charge Your Life

48V



| Models | | RESU3.3 | RESU6.5 | RESU10 |
|------------------------------|---------|-------------------------------------|-----------------|-----------------|
| Total Energy [kWh] | | 3.3 | 6.5 | 9.8 |
| Usable Energy [kWh] | | 2.9 | 5.9 | 8.8 |
| Capacity [Ah] | | 63 | 126 | 189 |
| Nominal Voltage [V] | | 51.8 | 51.8 | 51.8 |
| Voltage Range [V] | | 42.0-58.8 | 42.0-58.8 | 42.0-58.8 |
| Max Power [kW] | | 3.0 | 4.2 | 5.0 |
| Peak Power [kW] (for 3 sec.) | | 3.3 | 4.6 | 7.0 |
| Dimension [W x H x D, mm] | | 452 x 401 x 120 | 452 x 654 x 120 | 452 x 483 x 227 |
| Weight [kg] | | 31 | 52 | 75 |
| Enclosure Protection Rating | | IP55 | | |
| Communication | | CAN 2.0 B | | |
| Certificates | Cell | UL1642 | | |
| | Product | CE / RCM / TUV (IEC 62619) / UL1973 | | |

Compatible Inverter Brands : SMA, SolaX, Sungrow, Schneider, Ingeteam, GoodWe, Redback, Victron Energy (As of 3Q. 2016, More brands to be added)

RESU PLUS



RESU Plus is an expansion kit specially designed for 48V models of new RESU series. With RESU Plus, all 48V models can be cross-connected with each other.

- Dimension: 385 x 240 x 65 (W x H x D, mm)
- Number of Expandable Battery Units: Up to 2EA
- IP55

400V



| Models | | RESU7H | RESU10H | |
|-------------------------------|---------|----------------------|-------------------------------|-----------|
| Total Energy [kWh] | | 7.0 | 9.8 | |
| Usable Energy [kWh] | | 6.6 | 9.3 | |
| Capacity [Ah] | | 63 | 63 | |
| Voltage Range [V] | | 350-450 | 350-450 | 385-550 |
| Max Power [kW] | | 3.5 | 5.0 | |
| Peak Power [kW] (for 10 sec.) | | 5.0 | 7.0 | |
| Dimension [W x H x D, mm] | | 744 x 692 x 206 | 744 x 907 x 206 | |
| Weight [kg] | | 76 | 97 | 99.8 |
| Enclosure Protection Rating | | IP55 | | |
| Communication | | RS485 | RS485 | CAN 2.0 B |
| Certificates | Cell | UL 1642 | | |
| | Product | TUV (IEC 62619) / CE | TUV (IEC 62619) / UL1973 / CE | |

Compatible Inverter Brands : SMA, SolarEdge (As of 3Q. 2016, More brands to be added)