

# Change Your Energy Charge Your Life



## 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

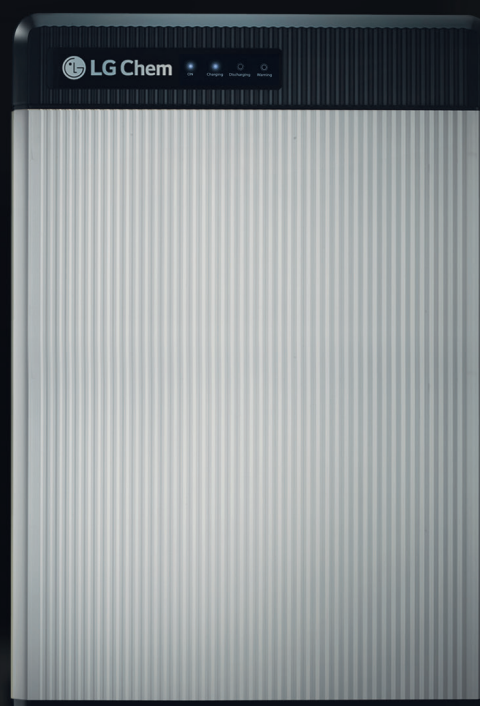
The new RESU series features industry-leading continuous power (4.2kW for RESU6.5) and DC round-trip efficiency (95%). LG Chem's L&S (Lamination & Stacking) technology provides durability ensuring 80% of capacity retention after 10 years.



## 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



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## 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)