

# SUNKET ESS Product Portfolio



## Key Features

- Visual interface, real-time monitoring of product status
- User data security
- Remote software program update, fault diagnosis
- Easy installation
- High energy density

## Technical Properties

| Model                             | LFP 2.4-19.2  |                |
|-----------------------------------|---|----------------|
| Total Energy*                     | 2.4kWh  |                |
| Usable Energy(DC)*                | 2.2kWh  |                |
| Nominal Dis-/Charge Power         | 1.4kW   |                |
| Peak Power(Only Discharge)        | 2.9kW for 3 seconds   |                |
| Constant Current(Only Discharge)  | 40A   |                |
| Voltage                           | 45~52.5Vd.c   |                |
| Nominal Voltage                   | 48Vd.c  |                |
| Nominal Current                   | 30A   |                |
| Max. Charge Voltage               | 54Vd.c  |                |
| Weight                            | 28kg  |                |
| Dimension(mm)                     | 600*300*172mm   |                |
| Max.recommended DOD               | 90%   |                |
| Operating Condition               | Indoor or outdoor   |                |
| Operating Temperature             | Charge  | From 0~45 °C   |
|                                   | Discharge   | From -10~50 °C |
| WFI Frequency Range               | 2400MHz~2483MHz   |                |
| Humidity                          | <60%(No condensed water)  |                |
| Pollution Degree                  | 3   |                |
| Over Voltage Category             | II  |                |
| Cooling Type                      | Natural cooling   |                |
| Case Material                     | Metal + Plastic   |                |
| Color                             | Black or White  |                |
| Installation                      | Wall mounting/Ground Installation                                       |                |
| IP rating                         | IP 20   |                |
| Protective Class                  | I   |                |
| Max. Number of Parallel           | 8S/8P   |                |
| Warranty                          | 10 years  |                |
| Life Span                         | >15 years   |                |
| Communication                     | CAN/ RS485  |                |
| Battery Protection                | Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature |                |
| Safety                            | Cell UL 1973  |                |
|                                   | Pack TUV/CE UL(1973 ,9540)  |                |
| Hazardous Material Classification | 9   |                |
| Transportation                    | UN 38.3   |                |

Testing conditions based on temperature 25 °C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions from SUNKET ESS 0.2C CC-CV