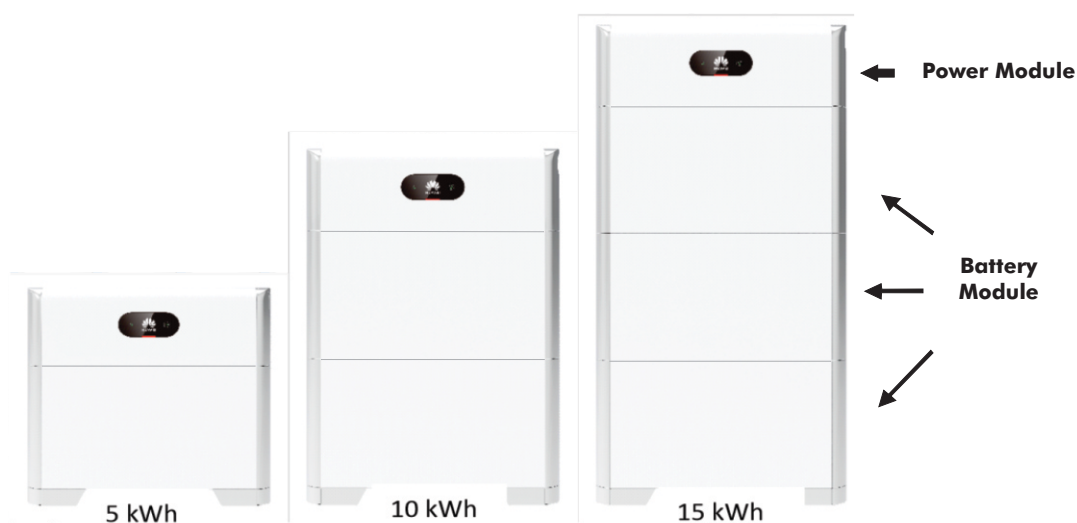




# HUAWEI



## Luna Smart String Energy Storage System



The Huawei LUNA2000 battery is a Lithium Iron Phosphate (LiFePO<sub>4</sub>) storage solution consisting of a power control module and battery expansion modules. It can store and release electric energy based on the requirements of the inverter management system and is of modular design, the basic Battery Module being rated at 5kWhrs. One power control module supports a maximum of three Battery Modules up to maximum 15kWhrs. Two power control modules can be connected in parallel, to maximum 30kWhrs. The LUNA2000 battery is mainly used for residential rooftop PV plants and small-scale PV plants in industrial and commercial installations in the following supply applications:-

- Grid-tied Energy Storage System
- Grid-tied and off-grid Energy Storage System (through a Backup Box) for mains failure power backup systems
- Off-grid Energy Storage System

### TECHNICAL DATA

| Standard Energy Storage System (ESS) |                                                 |                            |
|--------------------------------------|-------------------------------------------------|----------------------------|
| Battery Usable Energy                | 5 kWh                                           |                            |
| Cell Technology                      | Lithium-iron Phosphate (LiFe PO4)               |                            |
| Installation                         | Floor Stand                                     |                            |
| Scalability                          | Max. 2 systems in parallel operation (2x15 kWh) |                            |
| Compatible Inverters                 | SUN2000-2/3/3.68/4/4.6/5/6KTL-L1                |                            |
| Power Module Dimension/weight        | 670x150x240mm (12kg)                            |                            |
| Battery Module Dimension/weight      | 670x150x360mm (50kg)                            |                            |
| Backup Box                           |                                                 |                            |
|                                      | Backup Box-B0                                   | Backup Box-B1              |
| AC Output (On-grid Mode)             | Single Phase (240V, 50Hz)                       | Three Phase (415V, 50Hz)   |
| AC Output (Backup Mode)              | Single Phase (240V, 50Hz)                       | Single Phase (240V, 50Hz)  |
| Max. Output Power (Backup Mode)      | 5000VA                                          | 3300VA                     |
| Max. Output Current                  | 22.7A                                           | 15.27A                     |
| AC Input                             | Single Phase (240V, 50Hz)                       | Three Phase (415V, 50Hz)   |
| Compatible Inverter                  | SUN2000-2/3/3.68/4/4.6/5/6KTL-L1                | SUN2000-3/4/5/6/8/10KTL-M1 |
| Dimensions                           | 400x350x130mm (11kg)                            |                            |