

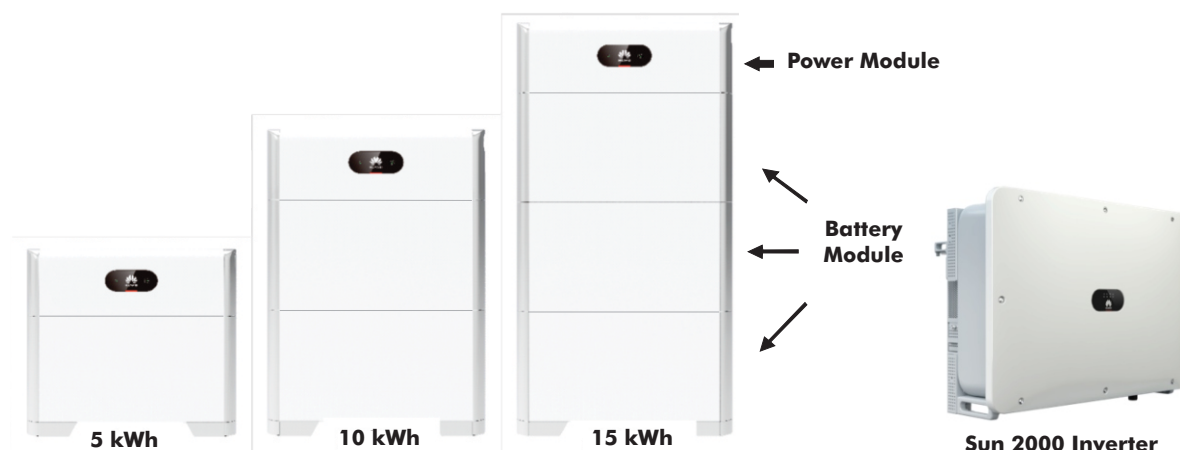


HUAWEI



LUNA

Smart Power Supply



The Huawei Luna 2000 Smart Power Supply Systems are of Grid-tie type suitable for intelligent hybrid DC PV solar/AC mains power supplies in residential and small scale commercial applications as well as off grid applications. The basic systems comprise an integral battery and power module with a separate inverter unit and is simple to install and operate. The system prioritises the PV power input, supported by surplus battery output that is topped up by mains power to fulfil the demand load. Particular features include:-

- Optimised PV power consumption to minimise mains power input.
- Compatible with Single and 3 Phase Huawei Sun 2000 inverters with up to 10kW PV solar input supply
- Available with an integral mains failure battery backup facility by the addition of a power status controller. This provides instant changeover to standby power in the event of mains power shut down.
- Advanced Lithium-iron-phosphate battery that provides long life and deep cycle discharge guaranteed for 16.45MWh per battery pack.
- Remote phone or PC monitoring that gives detailed operating information including total power consumption, PV output and mains power consumption on a daily, weekly or monthly basis enabling analysis of power loads to minimise mains power consumption.
- Conditioned pure sine wave AC power output suitable for all electronic devices.
- Available in three standard battery sizes of 5, 10 and 15 kW and single or three phase output supply. Systems can be paired to provide total 30 kW battery capacity connecting to one inverter.

The Huawei Luna 2000 Power Systems are high efficiency state-of-the-art power supply solutions that provide optimised, reliable and consistent power control that minimises energy costs.

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 Boxes		
	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/weight	400x350x130mm (11kg)	