



# LUX-S Battery Pack

## Built-in Controller

LUX-S-1600LG01

### Product Features



Storing Excess Energy



Timing function supports



IP65, natural cooling



Stacking and wall mounting installation



Built-in WIFI/BLE



Power Controllable



Aerosol Fire Extinguishing System

# Specification

<b>Model</b>	<b>LUX-S-1600LG01</b>
<b>INPUT DATA</b>	
Commonly Used Module Power	210 to 670W+ (2 Pieces)
Maximum Input Voltage	95Vdc
MPPT Voltage Range	16-60Vdc
Start-up Voltage	22V
Maximum Input Current	2x30A
Maximum Input Short Circuit Current	2x35A
Number of MPPTs	2
Number of Inputs per MPPT	1
<b>OUTPUT DATA</b>	
Output Voltage Range	28-36Vdc
Maximum Output Current	2x25A
<b>BATTERY DATA</b>	
Capacity	1600Wh
Battery Type	LiFePO4
Nominal Voltage	32Vdc
Operating Voltage	28-36Vdc
Depth of Discharge(DOD)	≥95%
Charging Temperature Range	0 to 55°C
Discharging Temperature Range	-20 to 55°C
Maximum Charge Current	50A
Maximum Discharge Current	50A
<b>MECHANICAL DATA</b>	
Noise(dB)	<35dB (1 meter)
Protection Level	Ip65
Cooling	Natural convection – No fans
Humidity	0-95% ( no condensation)
Altitude	Up to 2,500 meters
Installation	Wall-Mounted
Net Weight	23kg
Gross Weight	26kg
Product Dimension(WxHxD)	325×440×199mm
Package Dimension(WxHxD)	537×387×272mm
<b>FEATURES</b>	
Display	LCD+LED
Communication	WIFI/Bluetooth
Monitoring	Fsolar APP
Protection	Bulti-in Smart BMS,Breaker,Fuse
Bypass Setting	When the battery is fully charged to 100%, user can choose whether to bypass (enabled by default) the PV energy directly to the micro inverter(user forbid discharge period).
Output Timer Setting	Timing function supports user setting to Output time through APP or LCD Display.
Charging Low Temperature	When the cell temperature is lower than the allowable charging temperature, user can choose whether to turn on the forced discharge function (prohibited by default), so that the cell temperature rises to meet the charging temperature limit.
Limited Warranty <sup>2</sup>	>60% capacity, up to 5 years or 6,000 cycles
<sup>1</sup> External 2-in-1 PV cable. <sup>2</sup> Whichever occurs frst. Restrictions apply.	