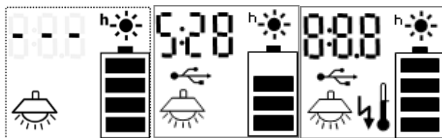


## Litio-Solar- Small Solar Home System

- Long life Lithium (LiFePO<sub>4</sub>) rechargeable battery
- Built in solar charger with MPPT
- Rugged Aluminum / PC housing
- LCD display with backlight



- LED warning signal
- Touch switch for LCD backlight on and low power activation
- 3 load outlet connectors
- 5V USB outlets for charging mobile phone
- Flexible assembly structure for multiple application
- IP 63 for Battery and Electronics  
IP 22 for Terminals



Litio Solar is designed for small Solar Home and portable power applications. It has a storage capacity of 51/89Wh for operating lamps, small TVs and other standard 12VDC appliances. The built in LCD display allows the user to get detailed information on remaining operation time of the connected loads until the battery is empty, Battery SOC, Charging and Discharging status. The built in charging algorithm ensures optimized operation of the long life LiFePO<sub>4</sub> battery under all environmental conditions. The USB outlet allows many 5V USB devices to be recharged or operated.

Technical Data:	LS 4000	LS7000
Nominal Voltage:	12.8V	
Battery type:	LiFePO <sub>4</sub>	
Battery capacity:	4000mAh/51Wh	7000mAh/89Wh
Charging current:	1.5A (max. 20W) - Solar Panel: Max 25Voc, no power limit, several LS units can be connected to one panel for charging	
Load current:	5A	
Working temperature:	-20 ... +50°C	
USB outlet:	5V/1.5A	
Size:	158x85x65mm	224x85x65mm
Weight:	680g	1030g
Protection:	IP63: Battery + Electronics / IP22: Connectors	
Display:	LCD + LED	
Connector types:	Panel: 1 Barrel (5.5/2.5mm) - Load: 3 Barrel (4.75/1.7mm) - USB: USB-A	

Datasheet: DATASHEET-LITIO-SOLAR-2014-01-06 Subject to change without notice