



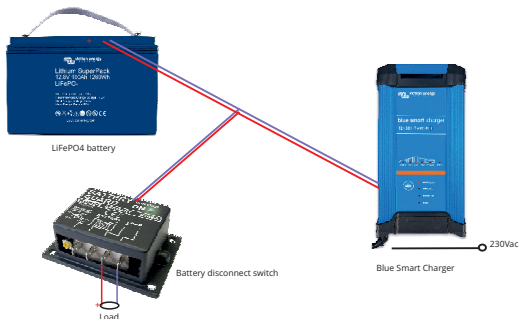
Power supply for CCTV systems from public lighting

LiFePO4 batteries – your satisfaction

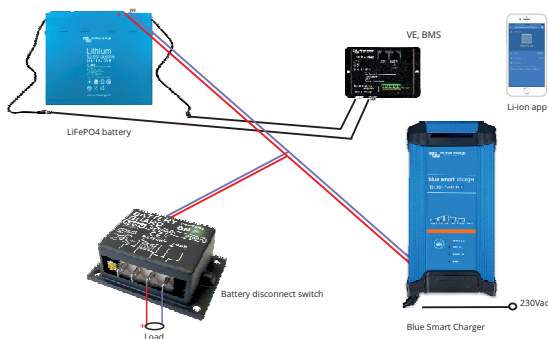
- Power supply module for powering cameras and accessories
- During the day, power is supplied from the battery pack; at night, the street lighting provides power for recharging the batteries
- Input voltage: 180–265 V AC
- Battery disconnect switch
- Separate circuit protection
- Complete system including LiFePO4 battery
- IP65 protection • Operating temperature: -20 to +50 °C
- Various power configurations can be prepared upon request



Standard LBS BOX with integrated BMS



SMART LBS BOX with external BMS



Technical specifications

MODEL	LBS-256SPV	LBS-768SPV	LBS-1280SPV	LBS-1280	SMART LBS-768SV	SMART LBS-1280SV	SMART LBS-2048SV
Battery capacity	12.8V/ 20Ah	12.8V/ 60Ah	12.8V/ 100Ah	12.8V/ 100Ah	12.8V/ 60Ah	12.8V/ 100Ah	12.8V/ 160Ah
Battery type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal capacity @ 25°C	20Ah	60Ah	100Ah	100Ah	60Ah	100Ah	160Ah
Nominal energy	256Wh	768Wh	1.28KWh	1.28KWh	768Wh	1.28KWh	2.048KWh
Number of charge cycles at 80% DoD	2500	2500	2500	2500	2500	2500	2500
Number of charge cycles at 50% DoD	5000	5000	5000	5000	5000	5000	5000
Recommended discharge current	≤ 20 A	≤ 60 A	≤ 100 A	≤ 100 A	≤ 60 A	≤ 100 A	≤ 160 A
End-of-discharge voltage	10V	10V	11V	11V	11V	11V	11V
Maximum charging current	≤ 10 A	≤ 30 A	≤ 50 A	≤ 50 A	≤ 30 A	≤ 50 A	≤ 84 A
Continuous max. discharge current for 16 h.	1.1 A	4 A	6.67 A	6.67 A	4 A	6.67 A	10.67 A
Charger type	12V/7A	12V/13A	12V/25A	12V/25A	12V/13A	12V/25A	12V/30A
Input voltage	180-265V AC						
Output	11-14.4 V DC						
Battery disconnect switch	Áno						
Separate circuit protection	Áno						
Bluetooth	Nie				Áno		
Operating temperature	-20°C až +50°C						
Storage temperature	-45°C až +65°C						
Material	Kov s IP65						
Approx. dimensions (mm)	400x300x155	500x400x210	600x600x300	600x600x300	600x600x210	600x600x210	800x600x300
Approximate weight	15 kg	24 kg	33 kg	33 kg	26 kg	33 kg	68 kg

Optional accessories: LBS certificate - Certificate with inspection report
LBS-pole - LBS pole mounting bracket