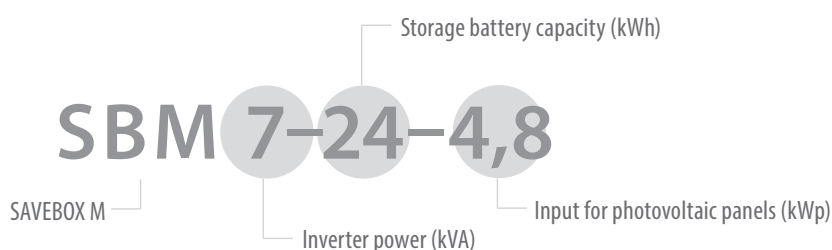


DATASHEET

The device for storage of larger quantities of electric energy consisting of powerful battery pack, DC/AC inverter, charger and PV charger.

Ac output voltage (50 Hz)	230 V
Output frequency	50 Hz
Maximum input AC current	60 A
Maximum output AC current (generator connected)	60 A
Input/output connection	1 x 64A/240V SP
Accumulator	LA3016, LiFePo4
Lifetime of the accumulator	4000 cycles
Storage time (OFF)	6 months
Self-discharge (AC ON, no load)	6 % per day
Automatical bypass	10 ms
Monitoring	voltage/amperage/temp/energy...
Ovládání elektrocentrály	Start/Stop kontakt
Cooling	air, active
Coverage	IP44
Dimensions	1200 x 800 x 1307 mm

Accessories – DC switchboard for connecting photovoltaic panels, hardware for access to the monitoring web portal.



SAVEBOX M - type designation:	SBM 7-18-3,5	SBM 7-18-4,8	SBM 7-24-3,5	SBM 7-24-4,8	SBM 8,5-24-3,5	SBM 8,5-24-4,8
Inverter power	7 kVA	7 kVA	7 kVA	7 kVA	8,5 kVA	8,5 kVA
Storage battery capacity – stored energy	18 kWh	18 kWh	24 kWh	24 kWh	24 kWh	24 kWh
Weight	446 kg	446 kg	500 kg	500 kg	500 kg	500 kg
Continuous output power (inverter, 25°C)	5,5 kVA	5,5 kVA	5,5 kVA	5,5 kVA	6,8 kVA	6,8 kVA
Peak AC power, 30 min (inverter, 25°C)	7 kVA	7 kVA	7 kVA	7 kVA	8,5 kVA	8,5 kVA
Peak AC power, 60 s (inverter, 25°C)	9,5 kVA	9,5 kVA	9,5 kVA	9,5 kVA	12 kVA	12 kVA
Continuous output power (generator + inverter)	9,5 kVA	9,5 kVA	9,5 kVA	9,5 kVA	12 kVA	12 kVA
Peak AC current, 60 s (inverter)	40 A	40 A	40 A	40 A	53 A	53 A
Permanent output AC current (inverter)	24 A	24 A	24 A	24 A	29,5 A	29,5 A
Total charging time (AC input) 100%	4,5 h	4,5 h	5,5 h	5,5 h	5 h	5 h
Total charging time (AC input) 80%	3,5 h	3,5 h	4,5 h	4,5 h	4 h	4 h
Input for photovoltaic panels	3,5 kWp	4,8 kWp	3,5 kWp	4,8 kWp	3,5 kWp	4,8 kWp
PV input, starting voltage	60 V	195 V	60 V	195 V	60 V	195 V
PV input, maximum voltage	150 V	600 V	150 V	600 V	150 V	600 V
PV input, maximum power	60 A	28 A	60 A	28 A	60 A	28 A