

Efficient consumption of PV-energy where it is generated

The BAE *SUNDEPOT* stores the generated PV energy locally and increases the degree of self consumed energy significantly.

It is designed especially for use in small industrial, commercial and private applications. The compact and modular design enables fast and easy assembling on site. The BAE *SUNDEPOT* comprises of a robust fully insulated battery rack with front cover and lid, a modern maintenance free solar battery of 6 or 12 V blocks in tubular plate design, the junction box with fuse switch disconnecter for NH-1 fuses and all components to connect the system up to the fuse terminal output.



1. BAE *SUNDEPOT* 24 & BAE *SUNDEPOT* 48 (Reference temperature 20 °C)

Type	Battery	Energy kWh C ₁₀₀	Energy kWh C ₁₀	Nominal voltage V	Tiers	Length mm	Width mm	Height mm	Weight incl. battery kg
SUNDEPOT 24 -280	4 x 6V 4PVV280	6.7	5.3	24	1	1129	465	631	256
SUNDEPOT 24 -350	4 x 6V 5PVV350	8.4	6.6	24	1	1129	465	631	312
SUNDEPOT 24 -420	4 x 6V 6PVV420	10.0	7.8	24	1	1129	465	631	347
SUNDEPOT 48 -210	4 x 12V 3PVV210	10.1	7.9	48	1	1129	465	631	348
SUNDEPOT 48 -280	8 x 6V 4PVV280	13.4	10.5	48	2	1129	465	1210	492
SUNDEPOT 48 -350	8 x 6V 5PVV350	16.8	13.2	48	2	1129	465	1210	604
SUNDEPOT 48 -420	8 x 6V 6PVV420	20.2	15.9	48	2	1129	465	1210	675

2. Easy assembling

The modular design makes it easy to assemble the BAE *SUNDEPOT* quickly. Only three parts are to be connected by screws.

Front side



Back side



Additionally a cover for back side is available as option.

Technical Specification of BAE *SUNDEPOT*

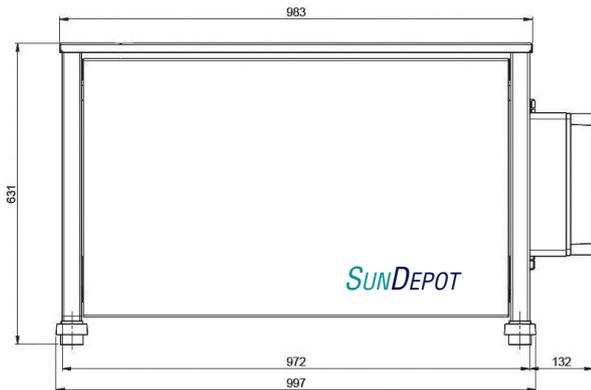


3. Design

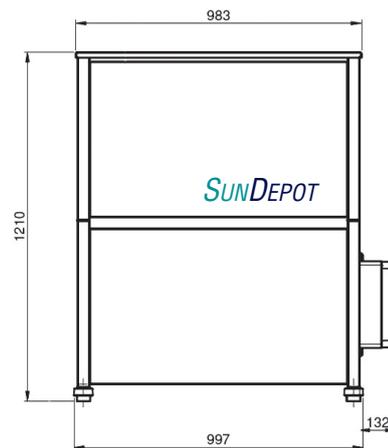
Rack	Coated steel rack, floor unit and side walls screwed; lid and front cover hooked in
Battery	Maintenance free solar battery with highest cyclic ability via tubular plate technology; electrolyte fixed as GEL
Connector	Fully insulated block connectors, pre assembled end terminal cables for junction box (included)
Junction box	Fuse switch disconnecter inside the junction box with flip cover suited for NH-1 fuse (not included)

4. Dimension

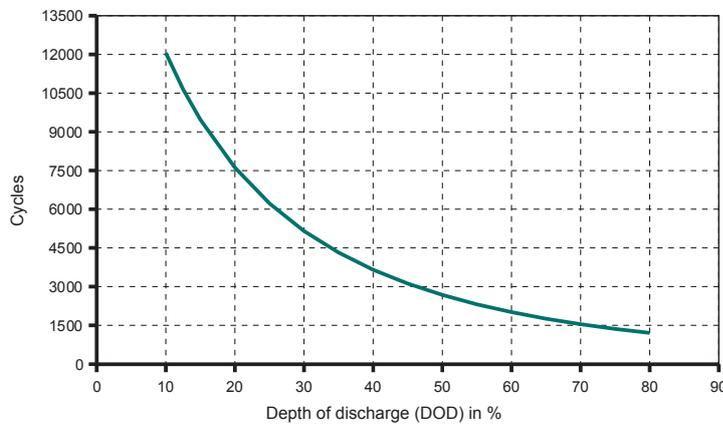
1-tier:



2-tier:



5. Number of cycles as function of Depth of discharge



6. Transport

As standard packaging the BAE *SUNDEPOT* will be shipped as one system per pallet.

7. Standards

Test standards	IEC 60896-21, IEC 61427
Safety standard, ventilation	EN 50272-2