

**e.storage**





## TAB E.STORAGE

TAB e.storage CLEVER and FAMILY provide solutions for applications throughout power supply systems including Residential, Commercial and UPS (Uninterruptible Power Supply).



### APPLICATION



#### SELF-CONSUMPTION

- Electric bill savings
- Charge during off-peak times
- Discharge during peak times



#### BACKUP POWER SUPPLY

Discharge during a black out functioning as backup power.



#### OFF GRID SYSTEMS IN COOPERATION WITH RENEWABLES

Store solar energy generated from photovoltaic panels for the future use.

#### Following charger/inverter equipment is supported:

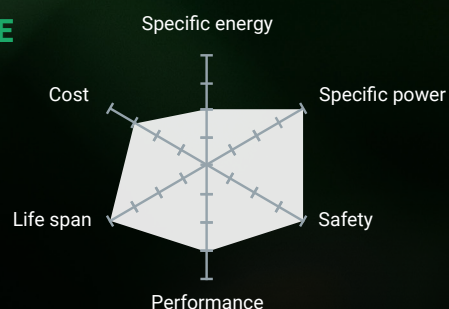
Deye, SMA, Sofar, Victron and ZCS Azzurro.  
Others on demand.

### TECHONOLGY

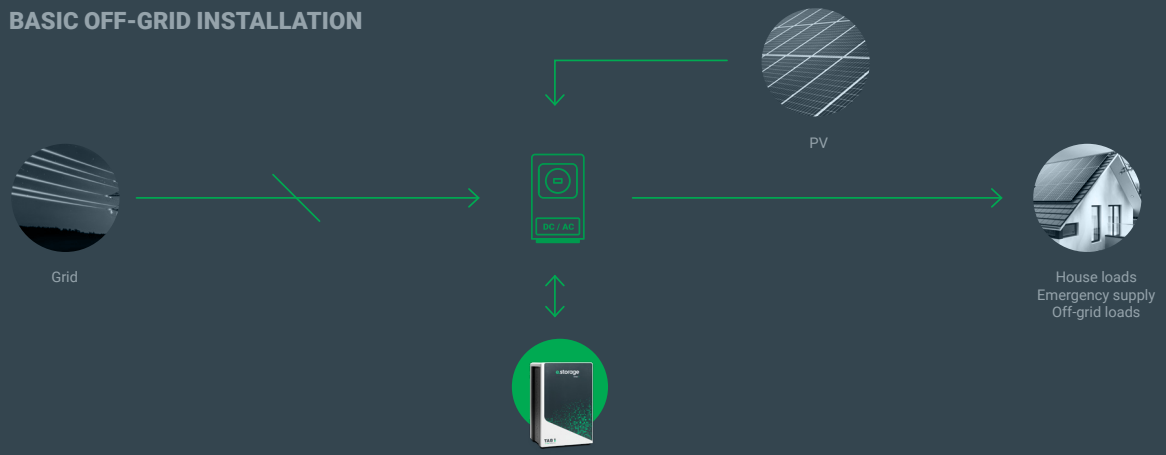


#### LFP – LITHIUM IRON PHOSPHATE (LiFePO4)

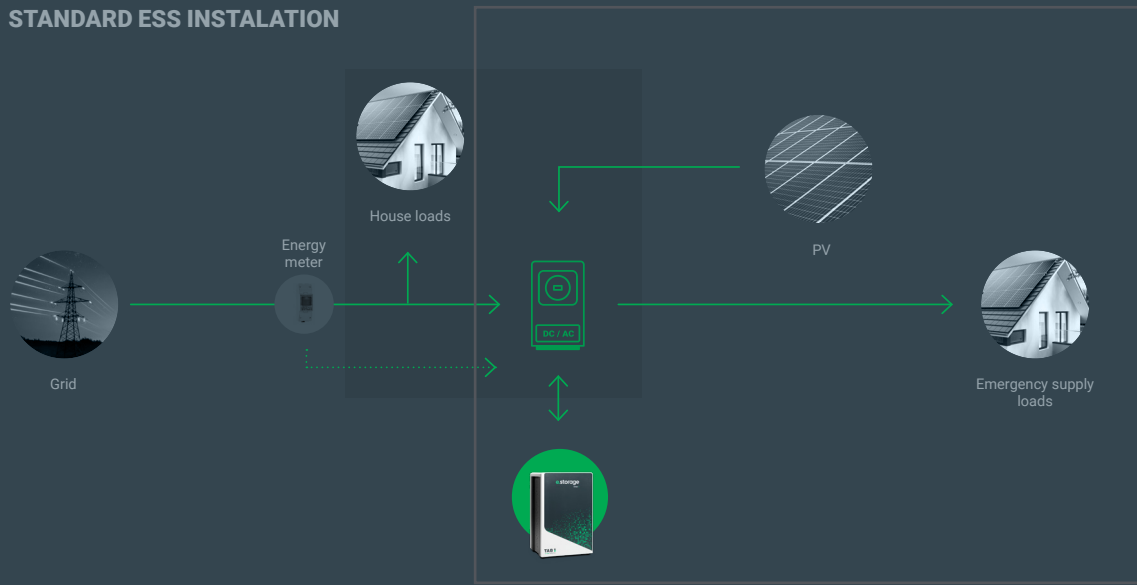
- Good thermal stability
- Long cycle life
- High power rating
- Safe



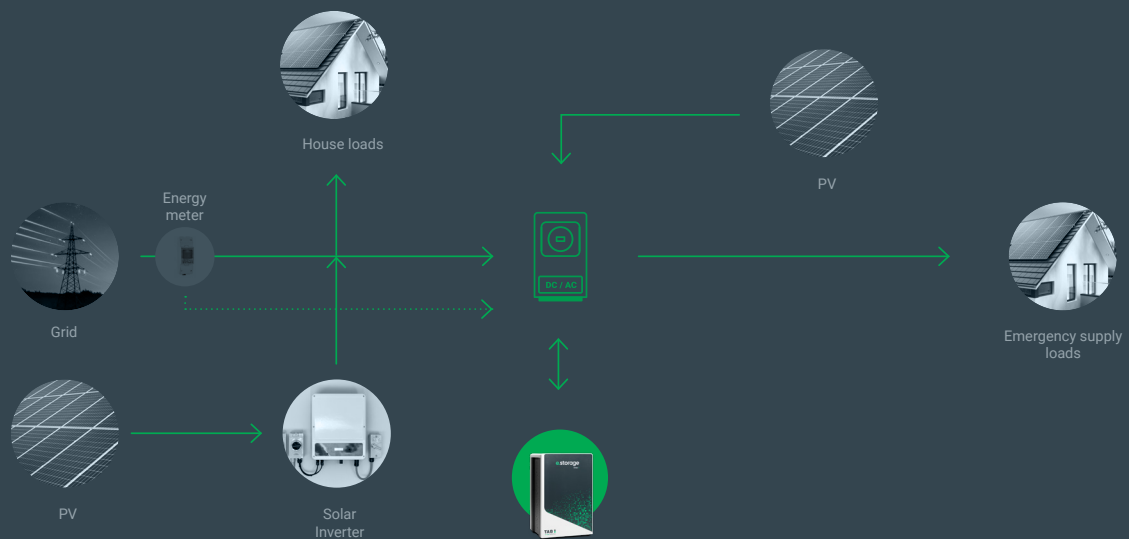
### BASIC OFF-GRID INSTALLATION



### STANDARD ESS INSTALLATION



### AC COUPLED GRID-TIED PV





# TAB e.storage CLEVER



## Advantages

- Modular design (1 to 6 modules, up to 30kWh capacity)
- Integrated fuses (Clever 4 and 6)
- Clean energy recovery through solar panels
- Customizable system according to needs
- Savings on your electricity bill
- EU design
- Compatible with Tier 1 inverter brands

TAB e.storage CLEVER								
ID Number	1026507	1026508	1026509	1026510	1026511	1026512	1026513	1026514
TAB e.storage CLEVER Type	2.1	2.2	4.2	4.3	4.4	6.4	6.5	6.6
Nominal Voltage [V]	51.2		51.2			51.2		
Nominal Capacity [Wh]	5120	10240	10240	15360	20480	20480	25600	30720
Dimension [mm]	530x495x476		530x495x971			530x495x1341		
Weight [kg]	63.5	111	121.5	169	216.5	224.6	272.1	319.6
Discharge Voltage [V]	44.8		44.8			44.8		
Charge Voltage [V]	56.8		56.8			56.8		

## TAB e.storage FAMILY

### Advantages

- Modular design (1 to 8 modules, up to 40kWh capacity)
- Compact and solid solution
- Integrated fuses
- Clean energy recovery through solar panels
- Customizable system according to needs
- Savings on your electricity bill
- EU design
- Compatible with Tier 1 inverter brands



TAB e.storage FAMILY								
ID Number	1026515	1026516	1026517	1026518	1026510	1026520	1026522	1026524
TAB e.storage FAMILY Type	3.1	3.2	3.3	5.3	5.4	5.5	8.6	8.8
Nominal Voltage [V]	51.2			51.2			51.2	
Nominal Capacity [Wh]	5120	10240	15360	15360	20480	25600	30720	40960
Dimension [mm]	550x470x850			550x470x1220			550x470x1775	
Weight [kg]	79.5	127	174.5	184.5	232	279.5	343	438
Discharge Voltage [V]	44.8			44.8			44.8	
Charge Voltage [V]	56.8			56.8			56.8	





# TAB e.module L5.1

TAB e.module L5.1 with its modular design concept and easy installation is an ideal solution for residential storage applications.

TAB e.module L5.1	
ID Number	1026194
TAB e.module Type	L5.1
Nominal Voltage [V]	51.2
Nominal Capacity [Wh]	5120
Charge/Discharge Current [A]	75 (recommended continuous)
	100 (maximum continuous)*
	200 (peak@15s)
Dimension [WxDxH, mm]	442x459x160
Weight [kg]	47.5

\* The maximum continuous current for the battery is considered at a temperature of 10 ~ 35°C. Outside this temperature range, the current will be lower.

## Advantages

### Safety

- LFP (lithium iron phosphate) cells enable highest safety
- BMS protects the cells in all angles (abnormal temperature, current, voltage, SoC, SoH,...)

### Optimal electricity cost

- Long cycle life and superior performance

### Modular design

- Gives highest flexibility
- Quick installation
- Power of choice of capacity for end consumer

### Compatibility

- Compatible with Tier 1 inverter brands

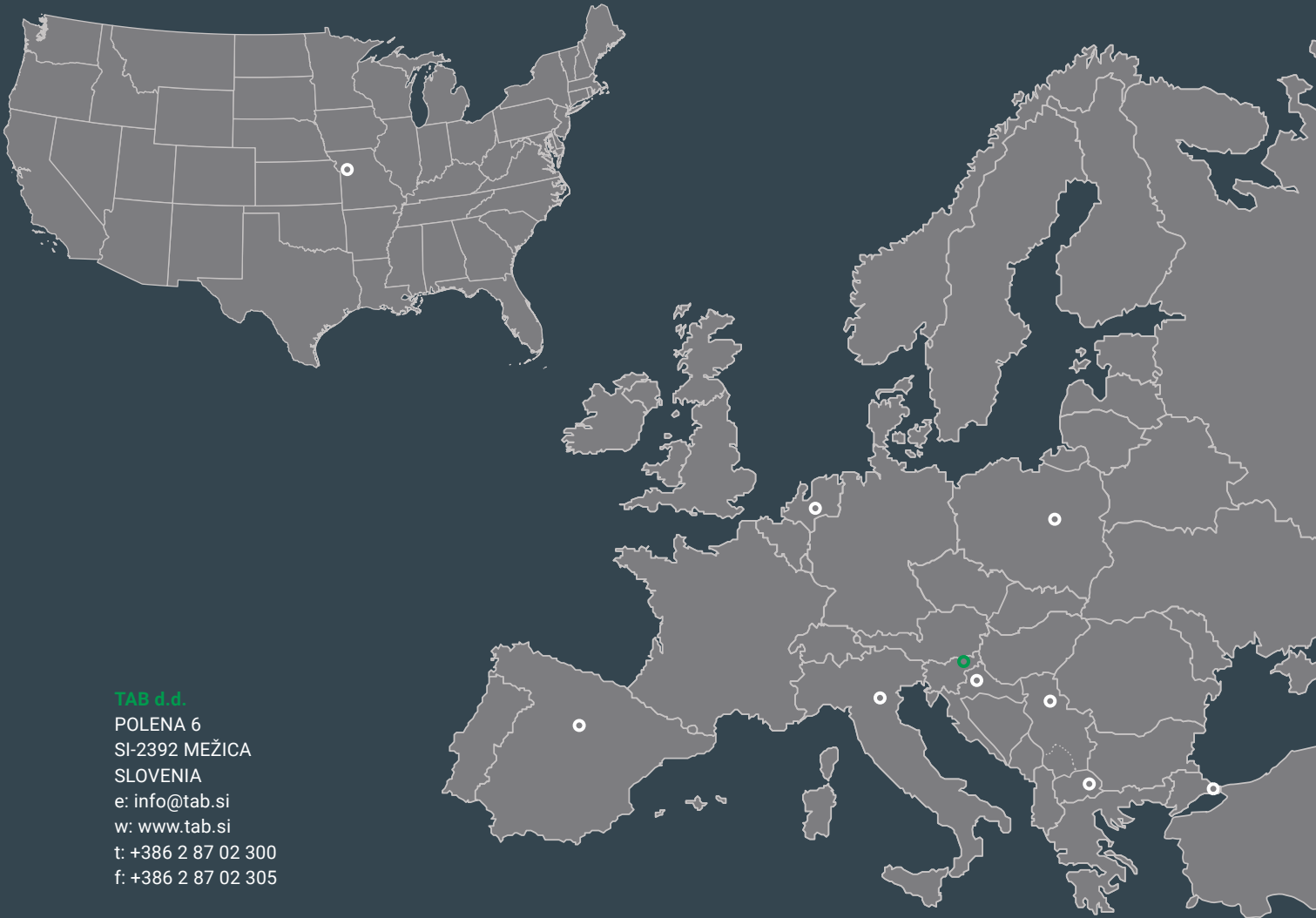


## CERTIFICATES

### TAB e.module L5.1:

- UN38.3 – transportation (mandatory for air transport)
- IEC 62619, 63056 – safety
- CE – Electromagnetic compatibility, LVD
- EN 13849-1:2015 (Performance level C)



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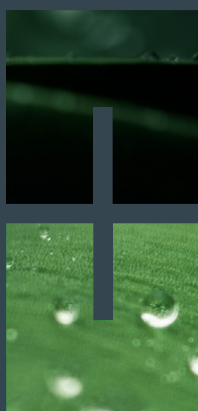
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