



**SMA Home Storage  
Important info and logistical details**



# Dimensions Mechanical Installation Home Storage



1 module 3.3 kWh	2 modules 6.6 kWh	3 modules 9.9 kWh	4 modules 13.2 kWh		5 modules 16.4 kWh
610 x 483 x 214.6 mm	610 x 969 x 214.6 mm	610 x 1455 x 214.6 mm	2 x (610 x 969 x 214.6) mm	610 x 1455 x 214.6 mm & 610 x 483 x 214.6 mm	610 x 1455 x 214.6 mm & 610 x 969 x 214.6 mm

# Charge & Discharge Power with Sunny Boy Smart Energy



SMA Home Storage		SBSE 3,6 kW	SBSE 4,0 kW	SBSE 5,0 kW	SBSE 6,0 kW
Modules	kWh				
1	3,28 kWh	kW 2,9	kW 2,9	kW 2,9	kW 2,9
		kW 2,9	kW 2,9	kW 2,9	kW 2,9
2	6,56 kWh	kW 5,7	kW 5,7	kW 5,7	kW 5,7
		kW 3,7	kW 4,2	kW 5,2	kW 5,7
3	9,84 kWh	kW 8,6	kW 8,6	kW 8,6	kW 8,6
		kW 3,7	kW 4,2	kW 5,2	kW 6,3
4	13,12 kWh	kW 10	kW 10	kW 10	kW 10
		kW 3,7	kW 4,2	kW 5,2	kW 6,3

Charge power

Discharge power

# Charge & Discharge Power with Sunny Tripower Smart Energy



SMA Home Storage		STP-SE 5,0 kW	STP-SE 6,0 kW	STP-SE 8,0 kW	STP-SE 10,0 kW
Modules	kWh				
2	6,56 kWh	kW 5,7	kW 5,7	kW 5,7	kW 5,7
		kW 5,7	kW 5,7	kW 5,7	kW 5,7
3	9,84 kWh	kW 7,5	kW 8,6	kW 8,6	kW 8,6
		kW 6	kW 7,2	kW 8,6	kW 8,6
4	13,12 kWh	kW 7,5	kW 9,0	kW 10,6	kW 10,6
		kW 6	kW 7,2	kW 10,6	kW 10,6
5	16,4 kWh	kW 7,5	kW 9,0	kW 10,6	kW 10,6
		kW 6	kW 7,2	kW 10,6	kW 10,6

Charge power

Discharge power

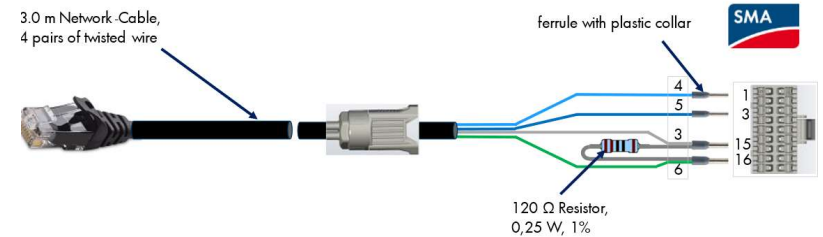
# Product type number – Home Storage & Accessories



**SMA Home Storage**  
**3 x HS-BM-3.28-10**

**SMA Home Storage Base Unit**  
**HS-BU-10**

## Communication cable between STP-SE and storage module



Material number not defined yet.

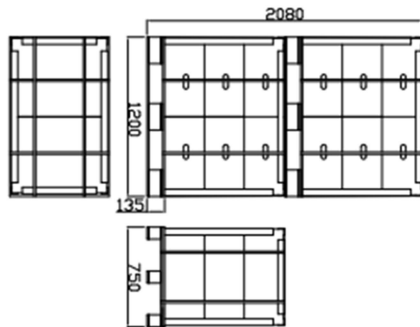
# Logistics SMA Home Storage Module



## Pallet

Pallet 1200mm x 750 mm

6 Modules per pallet

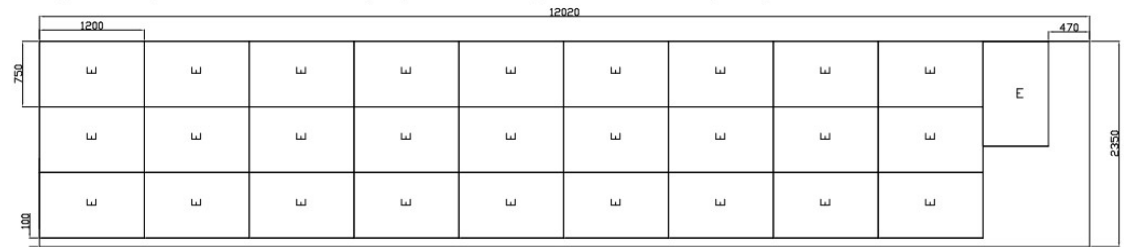


## 40" container (=336pcs)

1 stack = 12 modules on 2 pallets

28 stacks = **336 modules**

Top view of layout of 40-foot container : (E represents stacking combination of two pallets)

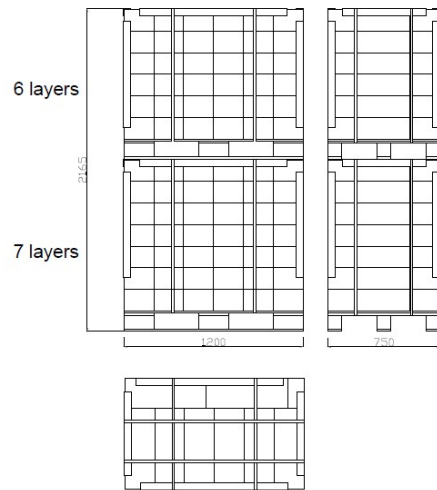


→ **Minimum order quantity of 336 modules**

# Logistics Base Unit



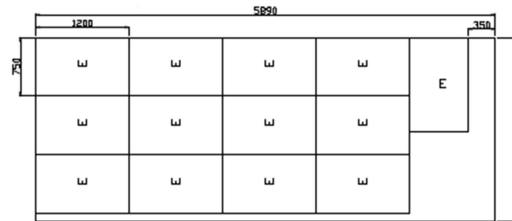
## Pallet



(6+7)\*8=104 PCS

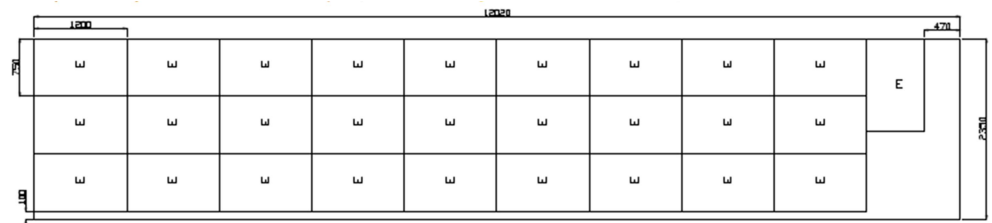
## 20" container (= 1352pcs)

13 stacks = 1352 pcs.  
for a 20 feet container



## 40" container (=2912pcs)

28 stacks = 2912 pcs.  
for a 40 feet container



# Logistics: Storage Requirements



## Storage time

The storage time between arrival at the distributors warehouse and the final installation must not exceed 6 months.

When the 6 months have passed, the battery must be recharged.\*

## Temperature

The maximum storage temperature is between **-20°C and 45°C** for a short period (less than 1 month).

The storage temperature for a long period (more than 1 month) should be between **0°C and 35°C**.

## SOC

~30% SOC end of production line

~18-28% depends on time between arrival and installation.

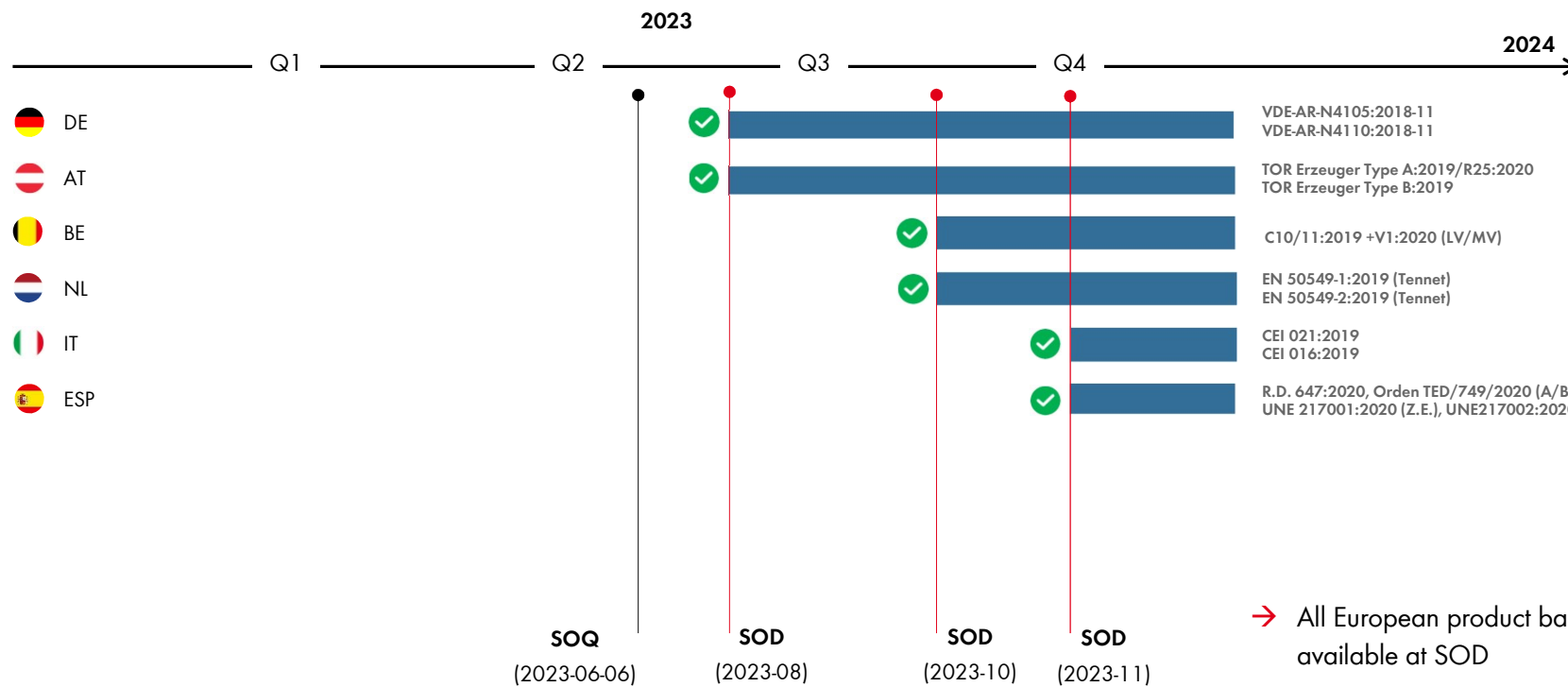
## Transportation

The general conditions for the transport of dangerous goods must be observed.

\*Details will be presented soon.



# Country - Releases 2023



→ All European product battery certification will be available at SOD

- IEC 62477
- IEC 62619
- VDE 2510-50
- UN38.3

## Additional information



### Standard Delivery time

Delivery time minimum 3 month from order date.

### Customs tariff number

85076000

### International sales from distributor

Sell only in the country in which it was sourced from SMA.

→ Regarding recycling registration

# Warranty



## 2 years

### Warranty

Standard warranty without registration.

## 8 years

### Free additional warranty

When the customer register the product at SMA Homepage ([www.my.Sma-Service.com/s/productregistration](http://www.my.Sma-Service.com/s/productregistration)) **within 30 days.**

## 8k cycles

### Full cycles

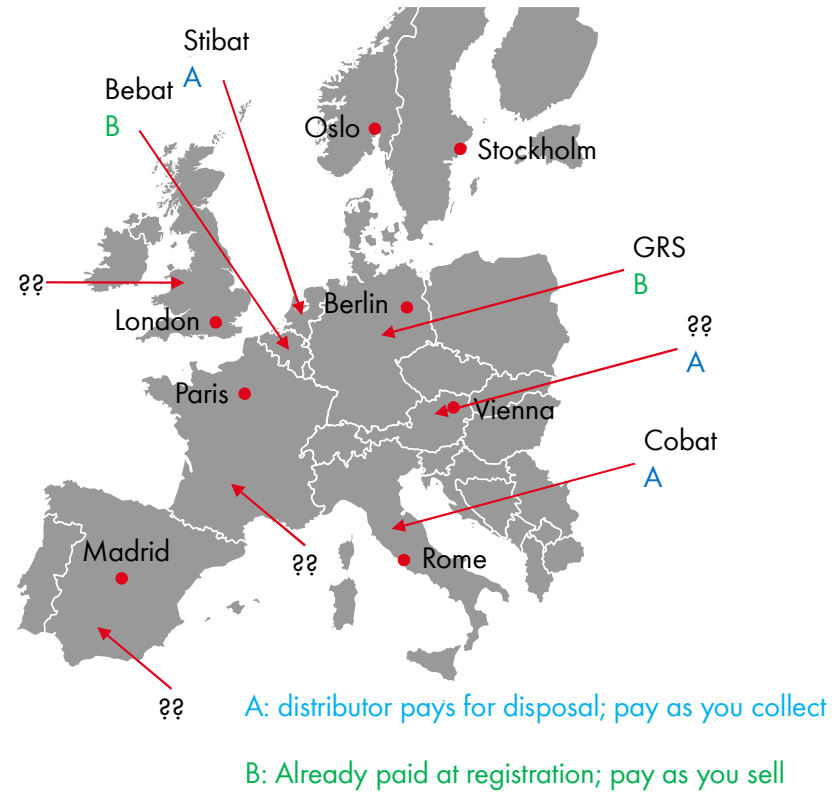
Guaranteed 8000 full cycles. A cycle for one module is:  
3.28 kWh charge / discharge

## 60% SOH

### EOL (End of life)

Minimum 12 years or 7.2 MWh throughput energy per 1kWh guaranteed.

# Recycling



## Details

- Disposal cannot be handled via SMA, it must be recycled directly via local service providers.
- Local legislation must be observed.
- Note country approval: Each country has different regulations and must be considered individually.
- Buy only in the country in which it will be used.