

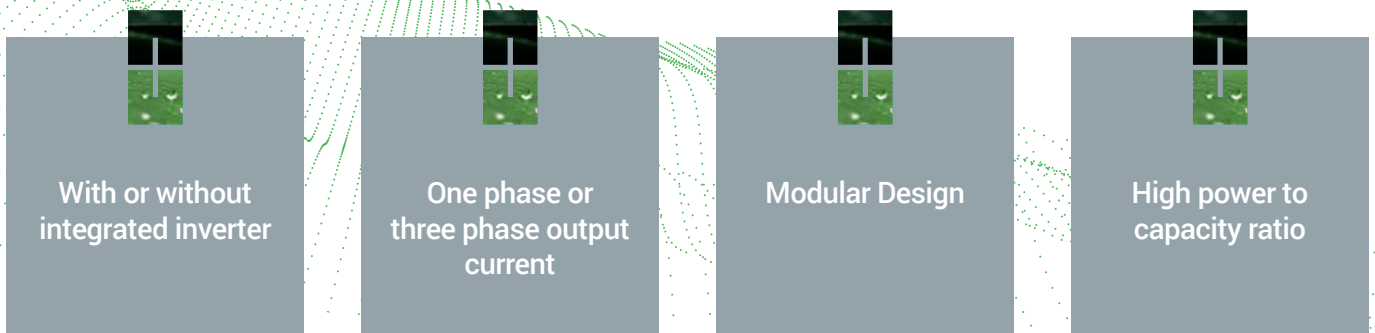


**TAB LI-ION**  
**ENERGY STORAGE SYSTEMS**

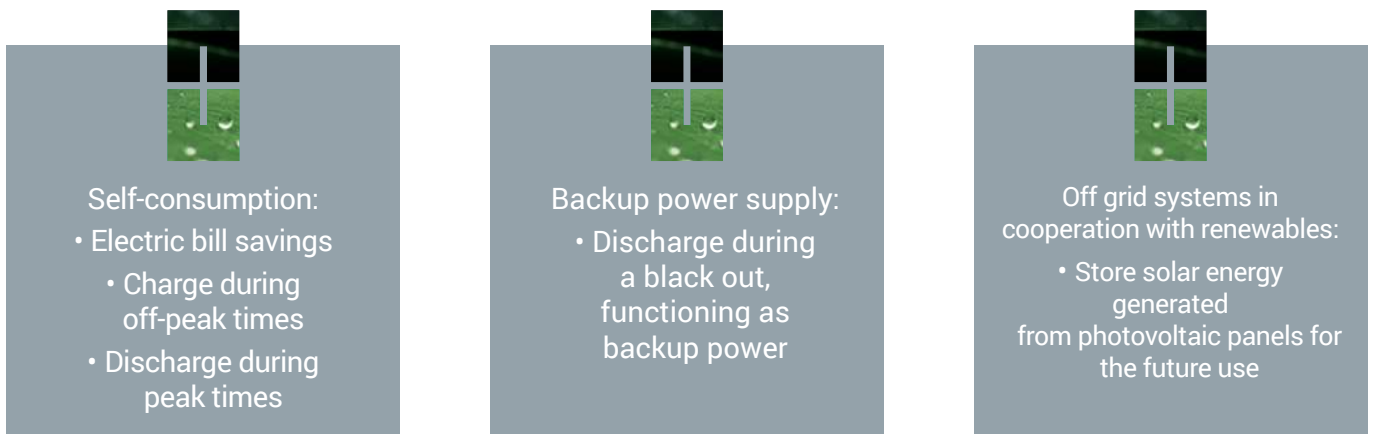


ESS (Energy Storage System) provides solutions for applications throughout power supply systems including Grid-scale, Residential, Commercial, and UPS (Uninterruptible Power Supply).

## KEY FEATURES



## ESS APPLICATIONS



As standard TAB Li-Ion ESS system is supplied with Victron charger/inverter equipment.

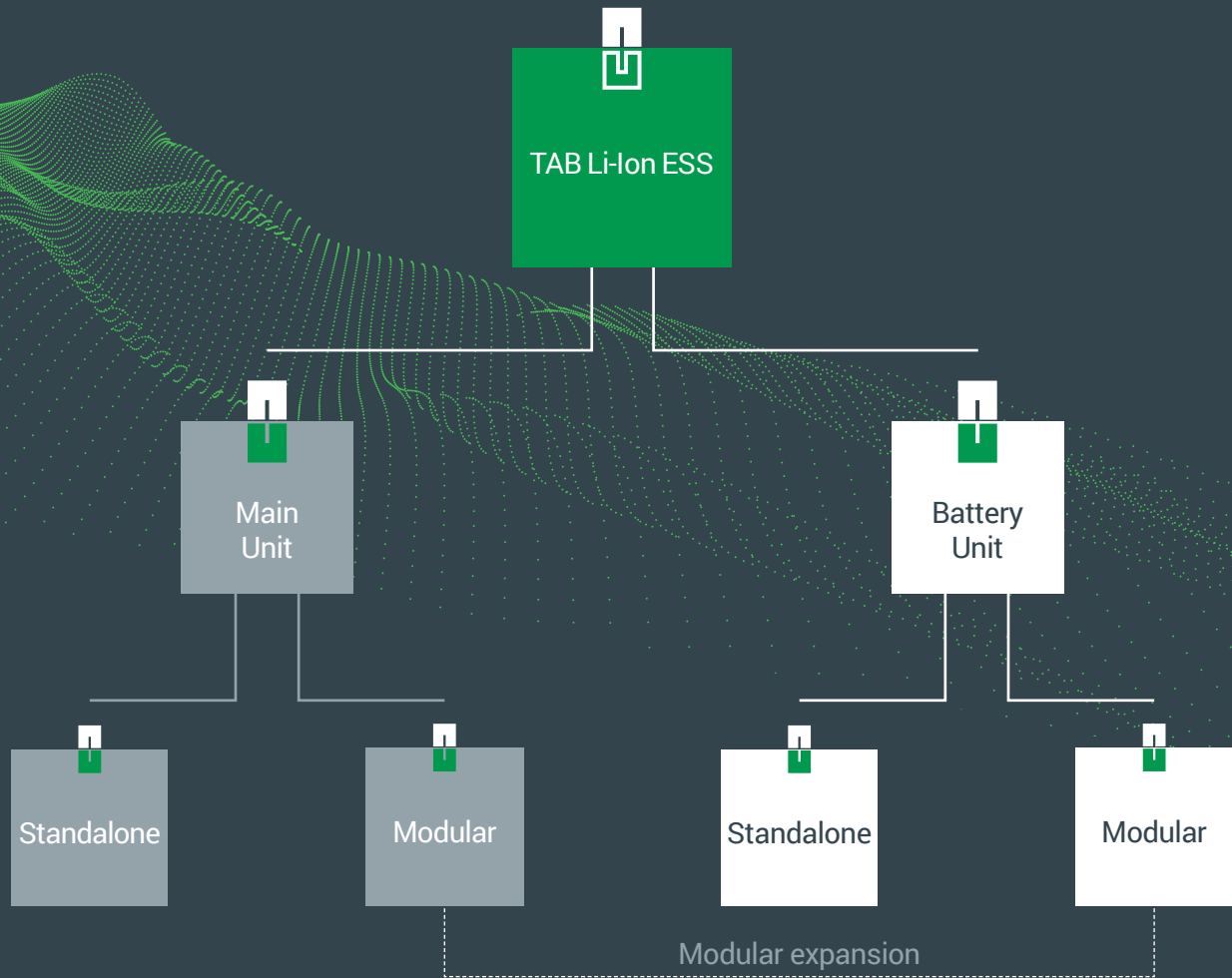
On demand the following charger/inverter equipment is supported:  
SMA Sunny Island, Victron Energy, Studer, Stecca Innotec, GoodWe, Solax, Solis...





# TAB EES SYSTEM

## PRODUCT OVERVIEW





# TAB ESS CONFIGURATIONS

## STANDALONE UNITS

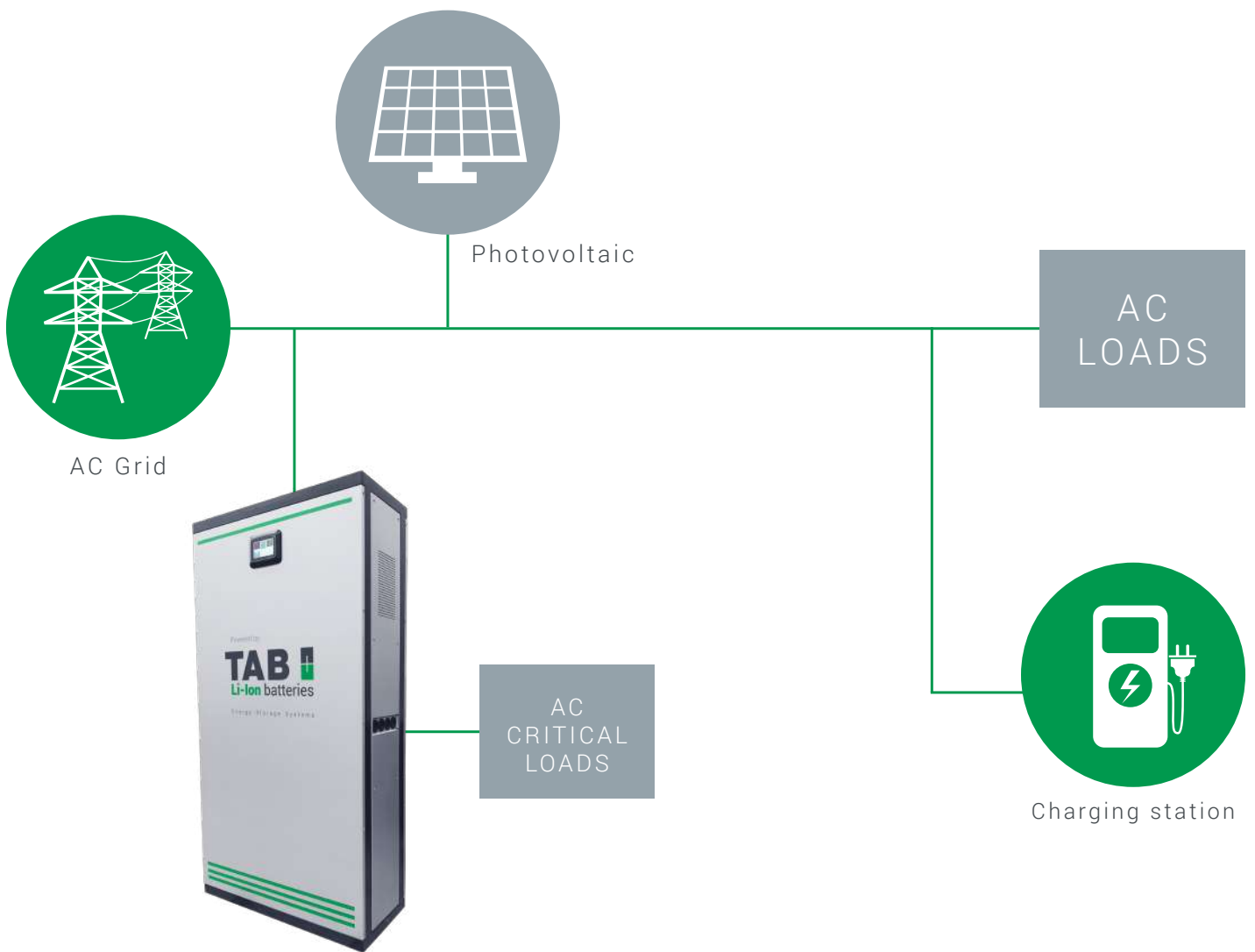
### Standalone Main Unit

Integrated Charger / Inverter:

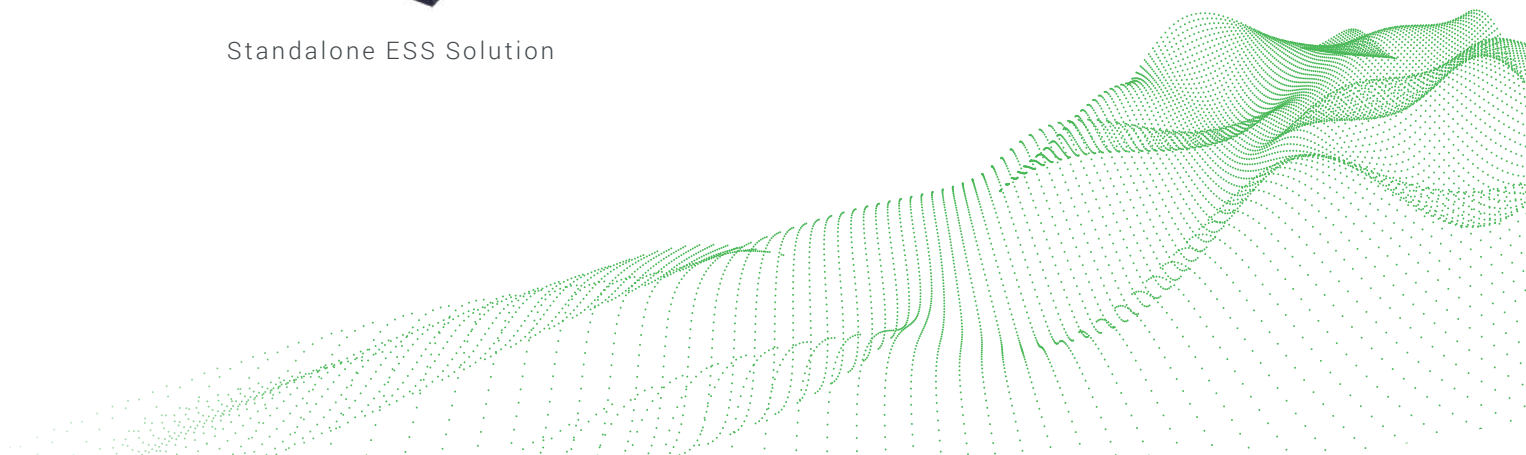
- Option A: 1-Phase AC 3.0kW or 5.0kW
- Option B: 3-Phase AC 3x3.0kW

48V battery with 10kWh, 15kWh or 20kWh

Integrated standalone BMS



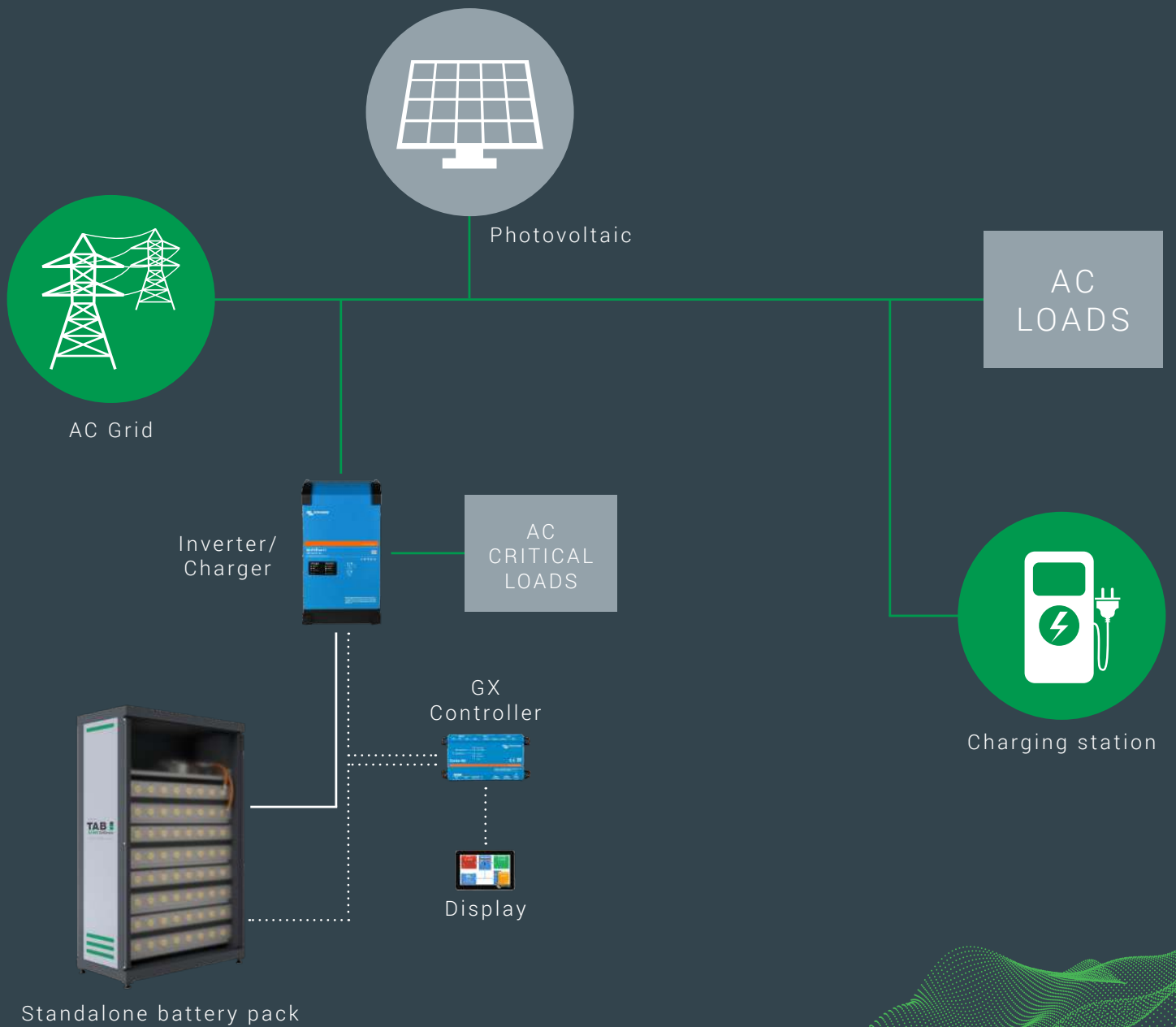
Standalone ESS Solution





### Standalone Battery

48V DC Nominal Voltage  
48V battery with 10kWh, 15kWh or 20kWh  
Integrated standalone BMS





# TAB ESS CONFIGURATIONS

MODULAR UNITS

## Modular Main Unit

Integrated charger/inverter

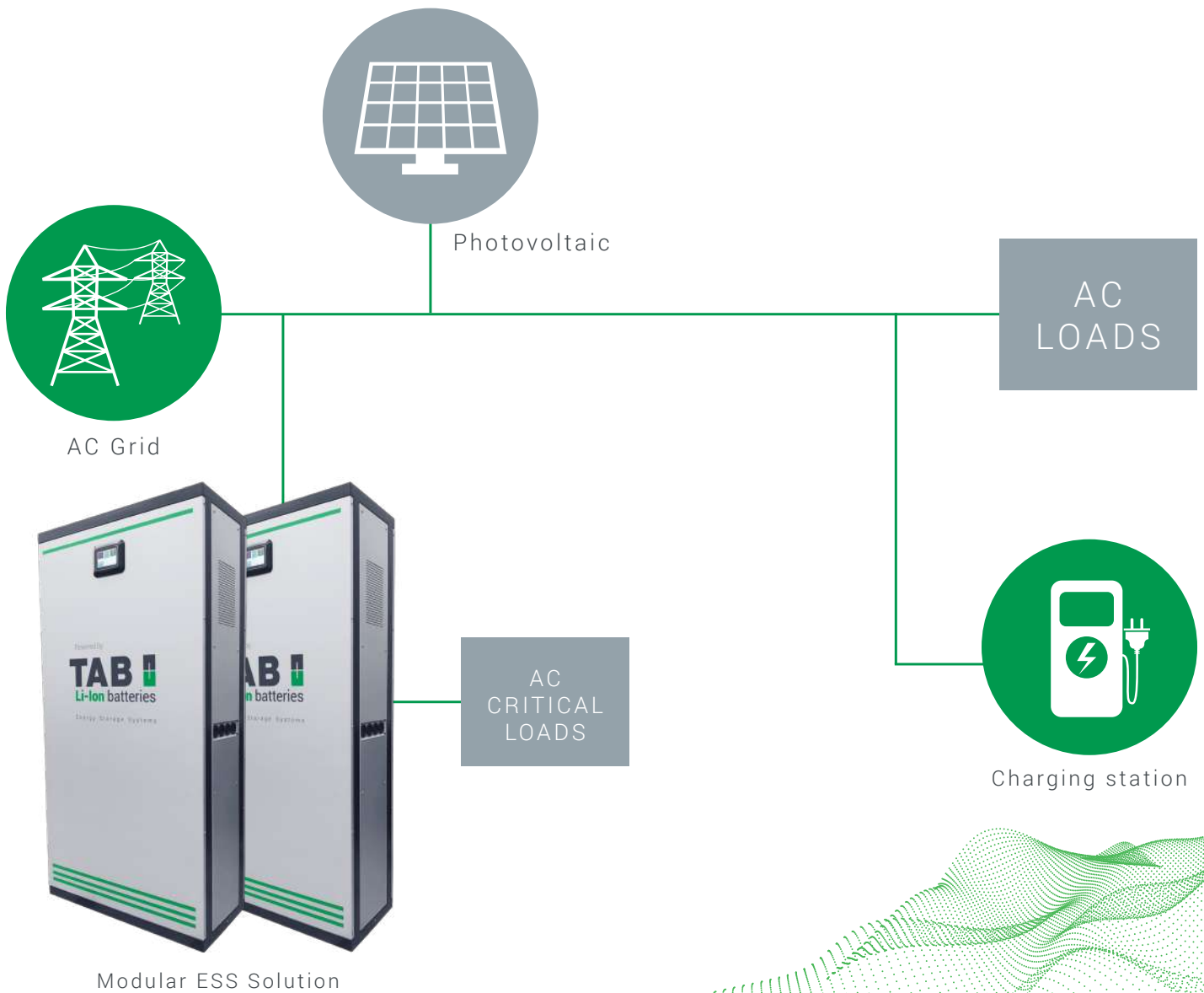
- Option A: 1-Phase AC 3.0kW or 5.0 kW
  - Option B: 3-Phase AC 3x3kW 48V battery with 10kWh, 15kWh or 20kWh
- BMS with Master-Slave units

## Modular Extension Unit

Integrated Charger

48V battery with 10kWh, 15kWh or 20kWh

BMS with slave unit



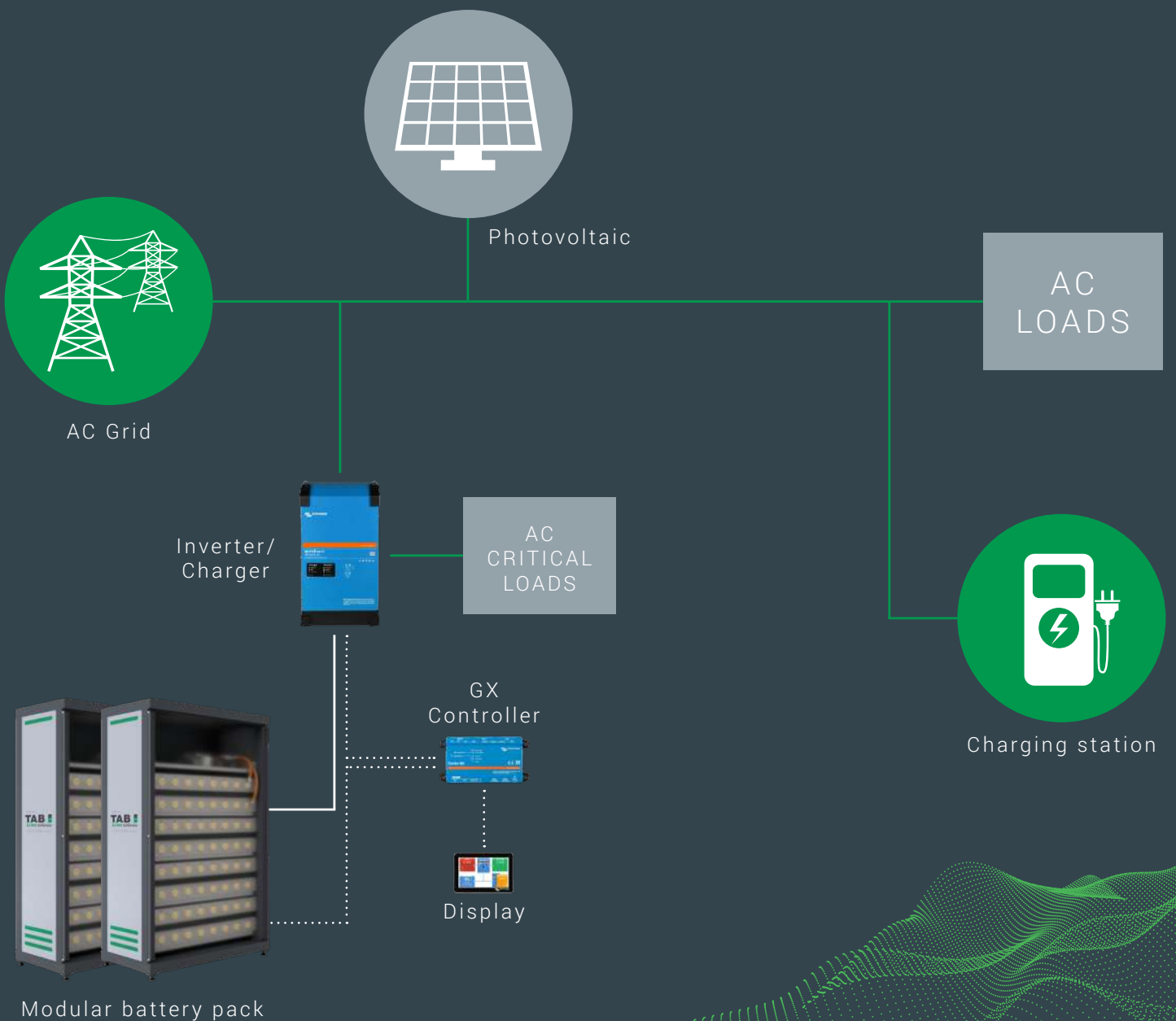


### Modular Main Battery Module

48V DC Nominal Voltage  
48V battery with 10kWh, 15kWh or 20kWh  
BMS with Master-Slave units

### Battery Extension Module

48V battery with 10kWh, 15kWh or 20kWh  
BMS with slave unit





# TAB ESS CONFIGURATIONS

MODULAR UNITS

## Modular Main Unit

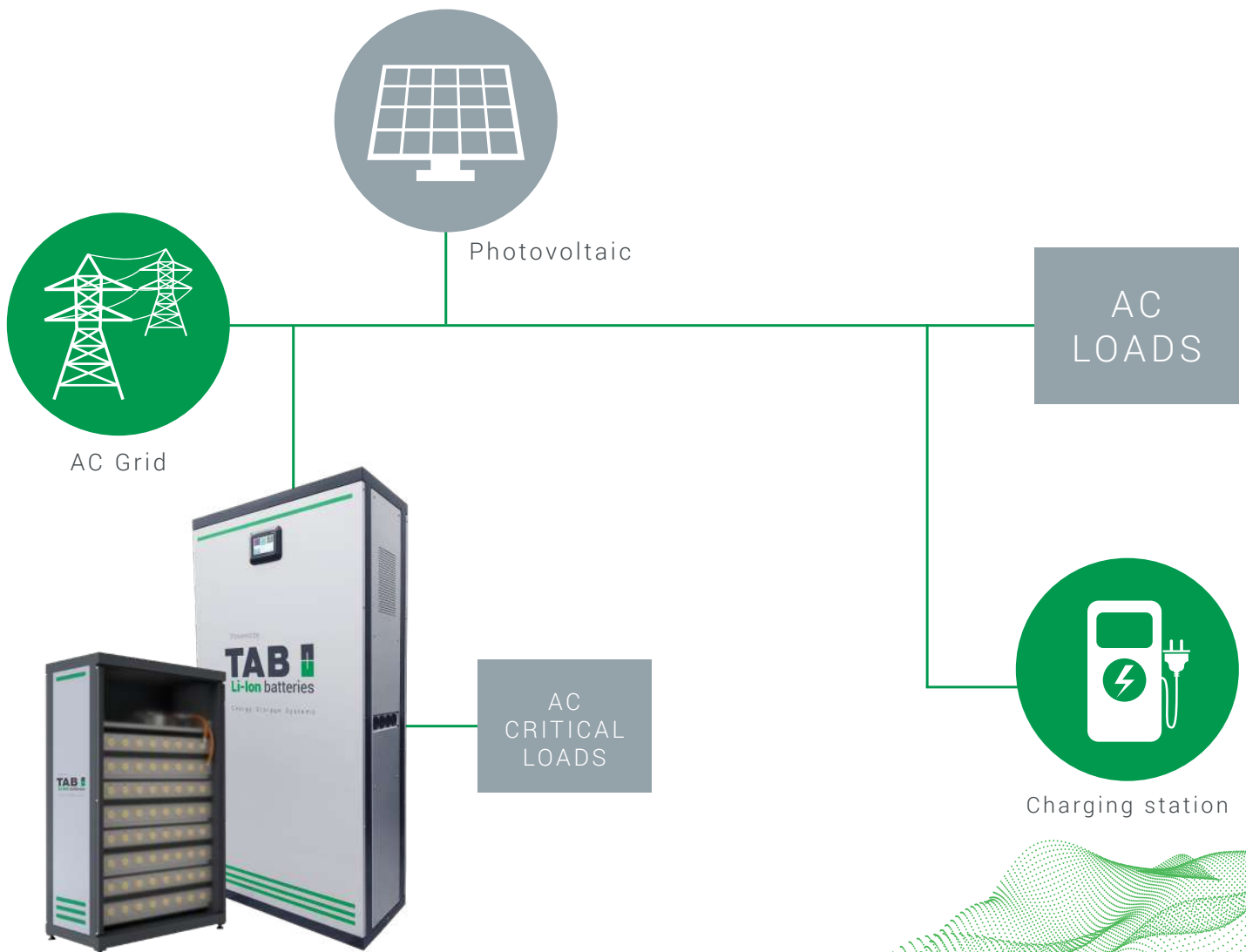
Integrated charger/inverter

- Option A: 1-Phase AC 3.0kW or 5.0 kW
  - Option B: 3-Phase AC 3x3kW 48V battery with 10kWh, 15kWh or 20kWh
- BMS with Master-Slave units

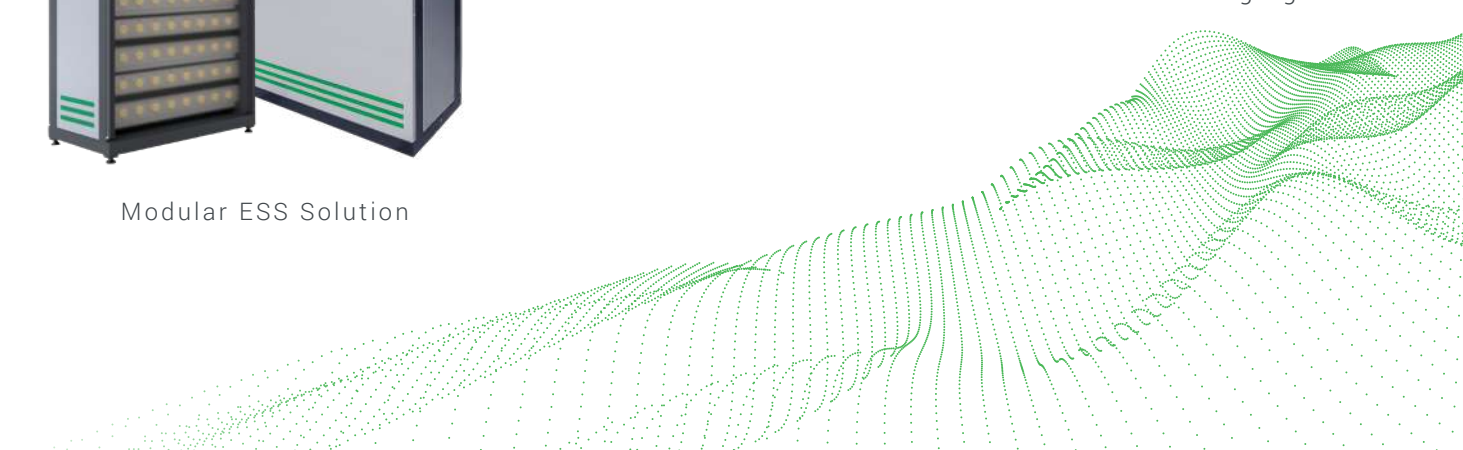
## Battery Extension Module

48V battery with 10kWh, 15kWh or 20kWh

BMS with slave unit



Modular ESS Solution







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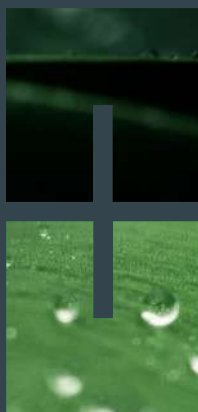
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PURE ENERGY, MAXIMUM POWER



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**TAB**   
Li-Ion batteries