

ESS – Energy Storage Stack

– energy storage on your terms



- Modular and scalable
- Ready for ancillary services
- Durable and safe
- 7 years warranty

ESS from Pylontech is a durable and safe lithium-iron phosphate battery that works just as well in a small house as in a larger apartment building.

Easy to add more modules for increased storage capacity or more ESOs for higher power.

The ESS system

An ESS system consists of a BMS (Battery Main Control) that controls a stack of up to five modules. ESO (Energy Storage Optimizer) is a bidirectional DC/DC converter that forms the bridge to the Ferroamp system. It connects via a Power Case that can also serve as a distribution for up to three Solar String Optimizers.

ESS	Rated capacity	Nominal power	Modules	ESO
ESS 7/2	7,1 kWh	1,8 kW	2	1
ESS 7/4	7,1 kWh	3,6 kW	2	2
ESS 10/3	10,6 kWh	2,7 kW	3	1
ESS 10/6	10,6 kWh	5,5 kW	3	2
ESS 14/4	14,2 kWh	3,6 kW	4	1
ESS 14/8	14,2 kWh	7,3 kW	4	2
ESS 17/5	17,7 kWh	4,5 kW	5	1
ESS 17/10	17,7 kWh	9,1 kW	5	2

Product name	Article number
ESS Battery Main Controller V2	PB10006
ESS Battery Module 3.55 kWh	PB10003
ESS Power Case	PF10004
ESO Module	PE00751

Energy storage – the key to flexibility

– unlock the full potential of the Ferroamp system

→ Combine features according to your needs

With the Ferroamp system's open flexibility, you can support the electricity grid while controlling power consumption and storing solar power in the property.

→ For small and large properties

Ferroamp's energy storage solutions are scalable and can be tailored to your power and storage needs. Just as suitable for small houses as they are for larger properties.

→ OTA updates

As the needs and opportunities of the electricity grid and properties change, the functions of the Ferroamp system are updated so that you can constantly optimise electricity use.

- Shave power peaks
- Store solar energy
- Schedule according to price fluctuations
- Ancillary services – support the grid



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