

Project/Product name:

Modular Energy Storage: 3,5kWh



Lithium technology battery pack managed by advanced BMS (Battery Management System). Active cell balancing supports extended lifetime. Reliable CAN BUS communication interface is responsible for stable communication to power inverter and telemetric system (*)

Energy storage paired with properly chosen two-way DC/AC power inverter (on-grid and off-grid) increase the efficiency of Energy usage of the photovoltaic (PV) system. Optimal solution will support effective Energy usage in the building and support availability of the AC power supply in case of electric grid failure.

	1 MODULE	2 MODULES	4 MODULES
Nominal Voltage	48,1 V (192,4 V optional)	48,1 V (192,4 V optional)	48,1 V (192,4 V optional)
Nominal Capacity	> 3,3 kWh	> 6,6 kWh	> 13,2 kWh
Functional Capacity	3,0 kWh	6,0 kWh	12 kWh
Max Continuous Discharge Power	3,0 kW	6,0 kW	12 kW
Peak Discharge Power (15 sec)	5,0 kW	10,0 kW	20 kW
Intelligent BMS (BatteryManagementSystem)	YES	YES	YES
Active cel balancing	YES	YES	YES
Communication interface	CAN (RS485 optional)	CAN (RS485 optional)	CAN (RS485 optional)
Lifetime (70% capacity retenction ratio)	>2000 cycles	>2000 cycles	>2000 cycles
* If ordered			

