

## OUTDOOR COMMERCIAL AND INDUSTRIAL BATTERY STORAGE

The efficient and standardized  
solution for your business

**CAPACITY: 215 kWh**

**POWER: 92 kW**

**STANDARD SOLUTION**



The TRICERA Stan200e is a compact outdoor storage system that efficiently combines batteries, energy management, inverter, air conditioning and safety technology. TRICERA offers a robust solution that minimizes installation and maintenance times, extends system life and increases safety.

## OVERVIEW

- Intelligent and holistic energy management system
- Plug & Play: cabinet solution
- Power generation plant controller
- Air conditioning & inverter integrated
- Integrated water cooling
- Integrated aerosol extinguishing system

## APPLICATIONS

- PV self-consumption optimization
- Buffer storage of charging stations
- Grid expansion avoidance
- Grid services
- Autonomy enhancement
- Peak Shaving



## TECHNICAL SPECIFICATIONS



### OUTDOOR CABINET

<b>Dimensions (H x W x D)</b>	2.200 x 1.450 x 1.400 mm
<b>Weight</b>	2.500 kg
<b>Climatisation</b>	Flüssigkeitskühlung
<b>Ambient temp. range</b>	-20 bis +40 °C*
<b>Protection class</b>	IP54
<b>Fire protection</b>	Aerosol extinguishing system
<b>Communication interface</b>	Modbus TCP/IP



### BATTERY UNIT

<b>Nominal energy capacity</b>	Up to 215 kWh @Begin of Life
<b>Usable energy capacity</b>	195 kWh @Nominal power @Begin of Life
<b>Battery chemistry</b>	Lithium iron phosphate cells (LiFePO4)
<b>DC-voltage</b>	620 bis 876 V <sub>DC</sub>
<b>Number of cycles</b>	> 6.000



### POWER UNIT

<b>Inverter</b>	KACO blueplanet gridsave 92.0 TL3-S XL
<b>Nominal power</b>	92 kW
<b>AC connection voltage</b>	400 V <sub>AC</sub>
<b>Grid connection</b>	Directly with 400 V <sub>AC</sub> to the low-voltage main distribution or optionally with external transformer to 10/20 kV medium voltage

\* Above 30 °C, the maximum inverter power may possibly be reduced by derating.

