



Test Winner 5 & 10 kW Storage Systems

POWER BATTERY

3.8 | 5.7 | 7.6 | 9.6 | 11.5

MODULAR HIGH VOLTAGE BATTERY FOR PV STORAGE SYSTEMS



environmentally friendly and safe LiFePO4 battery



modular space saving design



easy to transport and install



everything needed from one source

HIGH EFFICIENCY

- LiFePO₄ technology
- 25 A charge & discharge capability
- High voltage, high efficiency, low stress operation
- Modern and space-saving design

EASY INSTALLATION

- Modular concept and simple wiring for easy transport and installation
- All components are lighter than 25 kg
- Optimised, German battery management system
- Plug & play

MONITORING VIA APP

- Powerful RCT Power App
- Full data visualization
- Monitoring from every location
- Configuration options
- One click update

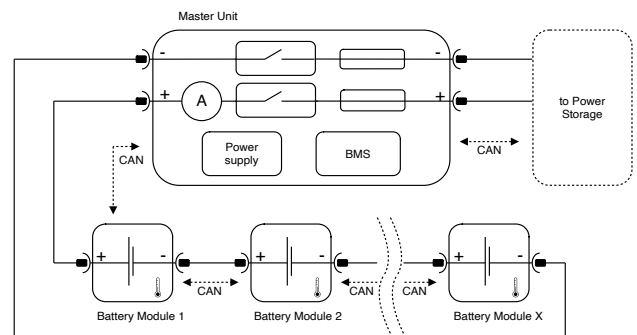
FLEXIBLE AND UPGRADEABLE

- 2 - 6 battery stacks per battery tower
- Scalable battery capacity (with 1.9 kWh stacks each)
- upgrade to double tower (DT) configuration up to 23.0 kWh
- Suitable for back-up systems

SUSTAINABLE

- Lithium-iron-phosphate cell chemistry
- 10 years guarantee

BLOCK DIAGRAM



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ELECTRICAL PARAMETERS

Nominal capacity (at 25°)	3,84 kWh	5,76 kWh	7,68 kWh	9,60 kWh	11,52 kWh
Usable capacity (90% DoD)	3,46 kWh	5,18 kWh	6,91 kWh	8,64 kWh	10,37 kWh
Voltage range	120 V ~ 173 V	180 V ~ 260 V	240 V ~ 346 V	300 V ~ 432 V	360 V ~ 520 V
Nominal voltage	154 V	230 V	307 V	384 V	461 V
Maximum charge / discharge current	25 A / 25 A	25 A / 25 A	25 A / 25 A	25 A / 25 A	25 A / 25 A
Standby consumption	< 5 W				

INTERFACES

Power Storage interface	CAN
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GENERAL

Battery technology	LiFePO ₄				
Dimensions (height x width x depth) (mm)	600x340x340	830x340x340	1060x340x340	1290x340x340	1520x340x340
Weight (single module 24kg)	54 kg	78 kg	102 kg	126 kg	150 kg
Number of battery units	2	3	4	5	6
IP degree of protection	IP42				
Type of installation	floor stand / indoor				
Operating temperature range	-15 °C ~ +40 °C				
Connector type	Weidmüller PV-Stick				

SAFETY / STANDARDS

Safety class	I
Certificates	UN 38-3, EN/IEC 62619, EN/IEC 62133
EMC	EN61000-6-2, EN61000-6-3, EN61000 – 4 -2 , -3, -4, -8
Safety	EN/IEC 61010-1:2010
Guarantee	10 Years / guaranteed energy throughput*

**POWER UP.
SCALE UP.
COST DOWN.**

