

ENERGY-BLOCK

THE POWERFUL MULTIFUNCTIONAL STORAGE SOLUTION 65.4 - 327 KWH

- Very high charge and discharge capacity
- Fully-fledged emergency power operation incl. PV recharging
- Island and black start capable
- Quick and easy installation
- Safe and powerful LFP cell technology
- Maximum safety thanks to perfect contact protection

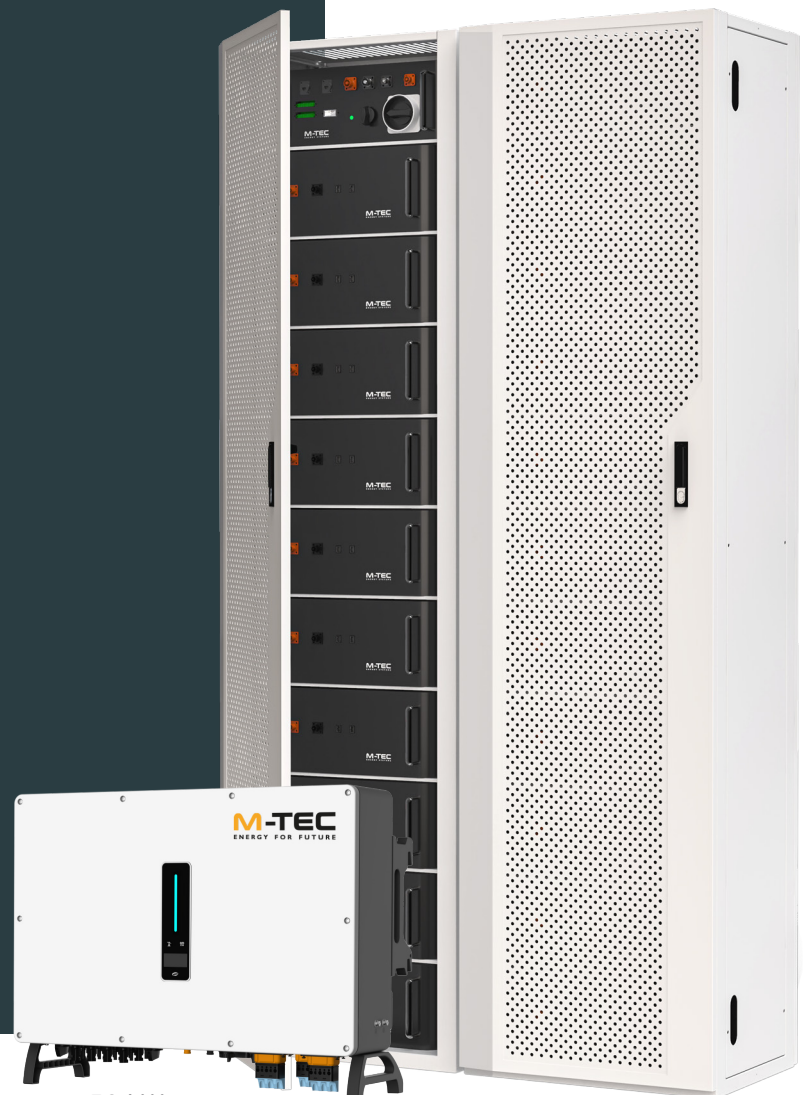
PROFESSIONAL TIP

PERFECT SOLUTION FOR PROFESSIONALS

- Quick and easy to install
- Free monitoring of all systems
- Maximum flexibility in PV planning thanks to high input currents (4x 30 A)
- Emergency power solution thanks to integrated double grid disconnection
- Simple integration into SmartHome systems via Modbus TCP + RTU



DOWNLOAD
TECHNICAL
INFORMATION



Inverters up to 50 kW



A STRONG PARTNER FOR COMPANIES

- Modular and expandable
- Security of supply in the event of an emergency thanks to hybrid inverters up to 50 kW and battery storage capacity up to 65.3 kWh
- 10-year warranty and 10.000 cycles
- Cascadable up to 5x

TECHNICAL DATA HYBRID INVERTER

	25kW-3P- 3G100	29.9kW-3P- 3G100	36kW-3P- 3G100	40kW-3P- 3G100	50kW-3P- 3G100
Dimensions in mm (W x H x D)	800 x 620 x 300				
Weight in kg	72				
Emergency back-up	yes				
Switching time msec	20				
Island and black start capable	yes				
PV recharging in emergency power mode	yes				
PV connection DC					
max. PV input power kWp	37.5	45.0	54.0	60.0	75.0
Number of MPP trackers	4				
Entrance MPPT	2 / 2 / 2 / 2				
Max. Input current per MPPT A	30 / 30 / 30 / 30				
MPPT operating range V	200 - 850				
MPPT Nominal operating voltage V	620				
Min. MPP starting voltage V	200				
Max. MPP starting voltage V	850				
Battery connection DC					
Supported battery	M-TEC LFP Battery storage commercial				
Operating range V	135 - 750				
Max. Charging/discharging current A	100 / 100				
Max. Charging/discharging power	25.0	29.9	36.0	40.0	50.0

TECHNICAL DATA BATTERY STORAGE 65.3 KWH

Number of battery modules	17
Dimensions in mm (incl. BMS + WR) (WxDxH)	550 x 450 x 2300
Weight in kg (incl. BMS + WR)	750
Battery Type	LFP (lithium iron phosphate)
Certifications	UN38.3, IEC62619:2022
Max. Charging and discharging current	100 / 100 A
Discharge depth	90 %
Max. usable storage capacity	58.8 kWh
Nominal voltage	658 V