



CGM Eco power EP120/200 Full Electric Generator BESS Technology 120KVA

Reference: EP120/200

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The ideal solution for industrial applications, construction sites, the EP 120/200 is a compact, powerful and sustainable energy storage system. Equipped with a bidirectional three-phase inverter and high-performance batteries, it ensures energy continuity and intelligent network management.

Perfect for indoor and outdoor environments, it is equipped with a complete electrical panel and a robust painted galvanized steel cabin.

Maximum energy reliability in every context: the EP 120/200 system guarantees autonomy and operational continuity even in critical situations.

Latest generation lithium technology for a lifespan of up to 6000 cycles and optimal load management.

Green solution for the future of energy: reduces consumption, optimizes costs and promotes environmental sustainability.

Technical Features:

Nominal Power: 120 kVA / 96 kW

Storage Capacity: 207.2 kWh

Voltage: 400 V (3P+N)

Frequency: 50 Hz

Power Factor: 0.8

Continuous Power Amperage: 174 A

Batteries

Technology: LiNMC (Lithium Nickel Manganese Cobalt)

Quantity: 8 modules

Power: 120kVA/207.2kWh

Cycles @90%: 6000

Inverter

Type: Three-phase bidirectional inverter

Quantity: 3

Inverter Power: 120 kVA

Dimensions and Weight

Length: 2400 mm

Width: 1240 mm

Height: 2100 mm

Weight: 3200 kg

Environmental Conditions

Operating Temperature: -10°C to +40°C

Maximum Altitude: 1000 m above sea level

Humidity: up to 60%

Electrical Panel

ComAp IntelliNeo 530 BESS control unit
Three-phase sockets: 400V (125A, 63A, 32A, 16A)
Single-phase sockets: 230V (16A and Schuko)
EV charging socket
Connectors for fotovoltaic panels
Protection switches and start button emergency

If you are looking for a product similar to EP120/200 [CLICK HERE](#).

Images and technical data are not binding. Please always consult the technical data sheet issued by the manufacturer.
Manel Service does not assume responsibility for any changes made by the manufacturer.

Technical Sheet

Phase	Three phase
Continuous power three phase (KW)	96
Continuous power three phase (KVA)	120
Fuel	Batteria
Frequency (Hz)	50
Voltage (V)	400
Battery type	LINMC
Number of batteries	8
Length (mm)	2400
Width (mm)	1240
Height (mm)	2100
Super silenced	Yes
Weight (Kg)	3200
capacità di accumulo	207,2 kWh
Cycles @ 90%	6000