

# MOMMA

SELF-ENERGY

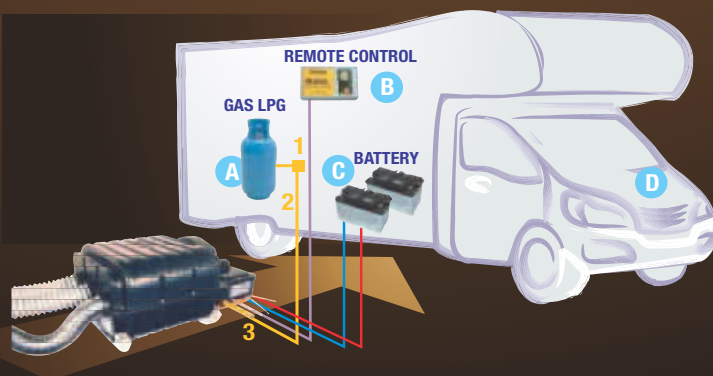


 elettromeccanica  
**GASPERINI** SRL  
[www.egasperini.com](http://www.egasperini.com)

## Technical features "SELF ENERGY" Models MoMa 20 - 20 MEF - 25 - 25 MEF

<b>Working</b>	Automatic, through a constant monitoring of the service batteries Managed with a micro-controller – management with a "safety block system"		
<b>Working status</b>	Indicated on the electronic control unit		
<b>Working Temperature</b>	+50°C ÷ -25°C (with <0°C Propane Gas)		
<b>Nominal tension</b>	12 V		
<b>Nominal current</b>	20 A/hour <b>MoMa 20 - 20 MEF</b>	25 A/hour <b>25 - 25 MEF</b>	
<b>Two stroke engine feeding</b>	LPG (pressure 30 mBar ± 2)		
<b>LPG consumption</b>	Each actual working hour	0,25Kg <b>MoMa 20 - 20 MEF</b>	0,27Kg <b>25 - 25 MEF</b>
<b>Lubricating consumption</b>	1 Litre/- 130 hours of actual working		
<b>Sound pressure at 7 meters LpA</b>	Sound Pressure measured LpA	51dB (A) <b>MoMa 20 - 20 MEF</b> Lwa= 76 dB(A)	52dB (A) <b>25 - 25 MEF</b> Lwa= 78 dB(A)
<b>Weight</b>	19 Kg with full lubricating tank		
<b>Length in mm</b>	565 (necessary for the installation 700)		
<b>Width in mm</b>	380 (necessary for the installation 400)		
<b>Height in mm</b>	250 (necessary for the installation 280)		
<b>Total capacity of the batteries (recommended)</b>	160 ÷ 300 Ah		
<b>Protections</b>	Oil minimum level – Motor thermal protection		
<b>Installation</b>	Under the floor in central or lateral position		
<b>Exhaust gas</b>	Piped to the roof or to ground		

	MoMa 20	MoMa 20 MEF	MoMa 25	MoMa 25 MEF
<b>Distributed current</b>	20 A	20 A	25 A	25 A
<b>Energetic independence</b>	✓	✓	✓	✓
<b>Use of electrical appliances</b>	✓	✓	✓	✓
<b>Automatic working (START 11,9V – STOP 14,5)</b>	✓	✓	✓	✓
<b>Manual working with automatic switch-off</b>	✓	✓	✓	✓
<b>Programming of working periods with Time Switch (Optional)</b>	✓	✓	✓	✓
<b>Management of the start battery through the BRIDGE (Optional)</b>	✓	✓	✓	✓
<b>Optimization of functioning in high mountains</b>		✓		✓
<b>Automatic varziation of current distribution</b>		✓		✓
<b>Perfect for caravans with more than 300 Ah batteries</b>			✓	✓



- A** Connection to the pressure reducer (30 mBar) through a disconnecting valve (1), a rigid pipe (2) and a flexible hose (3)
- B** Electronic control unit of the Self Energy
- C** Connection to service battery
- D** Connection to an under key contact (D+) in order to enable the "safety block system"

