



MODEL		TOTEM 10	TOTEM 12
<b>POWER</b> @ data recorded at the rated electric power and water inlet of 70°C unless specified; methane @ 20mbar, the data related to LHV= 10.2 kWh/Nm <sup>3</sup> ; air inlet @ 25°C and 101.3 kPa			
Rated electric power	kW	10,0	12,0
Self-consumption	kW	0,195	
Power modulation range*	kW	≥ 5	
Rated thermal power	kW	21,6 (25,2 <sup>**</sup> )	25 (28,6 <sup>**</sup> )
Net electrical efficiency	%	29,6	31,2
Total efficiency	%	93,6 (104,3 <sup>**</sup> )	96,3 (105,6 <sup>**</sup> )
Seasonal space heating energy efficiency <sup>***</sup>	%	200	224
Fuel		methane	
Fuel consumption	Nm <sup>3</sup> /h	3,31	3,77
Input power	kW	33,7	38,5

**DIMENSIONS AND WEIGHT**

h x w x l (rigged up with panels - standard version)	cm	128 x 79,5 x 192	
Weight (fluid-filled)	kg	720	

**HYDRAULIC CIRCUIT**

Inlet water temperature range	°C	15 ÷ 70	
Outlet water temperature range	°C	25 ÷ 80	
Rated water flow	l/h	2.500	3.000
Maximum pressure drop	kPa	60	
Maximum exhaust gas temperature	°C	77	
Condensate	kg/h	0 (1,37 <sup>**</sup> )	0 (1,56 <sup>**</sup> )

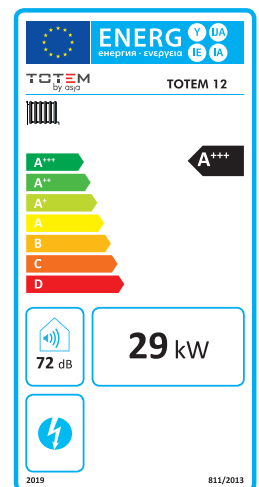
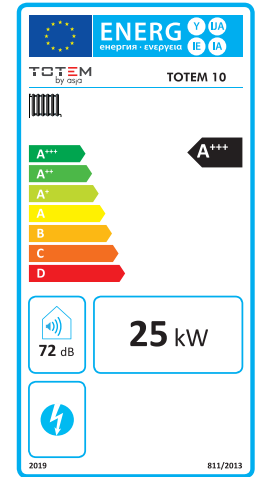
**ELECTRIC GENERATOR**

Type		asynchronous three phase	
Voltage/frequency	V/Hz	400/50	
Engine starter		starter motor	
Electrical generator connection		Delta	
Poles		4	
Insulation class		F	
Efficiency class		IE3	

**WORKING CONDITIONS**

External air temperature	°C	-5 ÷ 40	
Relative humidity	%	0 ÷ 75	
Acoustic impact Lp @ 1 m distance in open field	dB(A)	56,7	
Emissions CO a 5% O <sub>2</sub>	mg/Nm <sup>3</sup>	≤ 10	
Emissions NOx a 5% O <sub>2</sub>	mg/Nm <sup>3</sup>	≤ 10	
Precautions to be taken during assembly, installation or service		refer to installation and user manual	
Technical specifications tolerance		+/- 5%	

\*Subject to local grid connection technical requirements.  
 \*\*Referred to the input water temperature 35°C.  
 \*\*\*As defined by regulation EU No. 811/2013, EN 50465/2015.



TOTEM CERTIFICATIONS

CE 1936-18 CE-1936CT0009