



SAVINGS



HIGH TECH



HIGH-EFFICIENCY



ALL-ROUND SUPPORT



EURO6/EURO VI ENGINES



WIDE RANGE



FLEXIBILITY



MODEL

TOTEM 25 BS

POWER @ data recorded at the rated electric power and water inlet of 158 F [70°C] unless specified; methane @ 20mbar; air inlet @ 77 F (25°C) and 101.3 kPa

Rated electrical power	kW	25.0
Power modulation range	kW	≥ 7.5
Voltage	V	208
Frequency	Hz	60
Phases/Wires		three phase, 4 wires
Rated thermal power	kW	54.0 [61.9*]
Fuel pressure	WC [kPa]	6-10 [1.6-2.4]
Input power (LHV)	BTU [kW]	282,228 [82.7]
Input power (HHV)	BTU [kW]	311,862 [91.4]
Net electrical efficiency (LHV)	%	30.2
Net electrical efficiency (HHV)	%	27.4
Total net efficiency (LHV)	%	95.5 [105.1*]
Total net efficiency (HHV)	%	86.4 [95.1*]
Black start capability		yes
Engine starter		starter motor
Battery		included
Anti vibrating system		included
Remote monitoring system		included

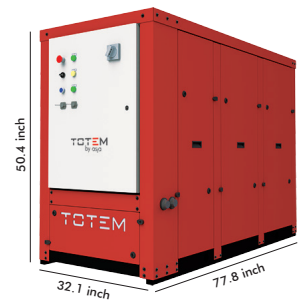
BLACKSTART PERFORMANCES

Fuel type		methane, LPG
Maximum rated electrical power (Methane)	kW	25
Maximum rated electrical power (LPG)	kW	20
Exthernal Transformer		not needed

DIMENSIONS AND WEIGHT (TOTEM)

h x w x l (rigged up with panels - standard version)	Inch [cm]	50.4 [128] x 32.1 [81.5] x 77.8 [198]
Weight (fluid-filled)	Lb [kg]	1,720 [780]

* Referred to the input water temperature 95 F [35°C].



All pictures shown are for illustration purpose only and may not depict some components



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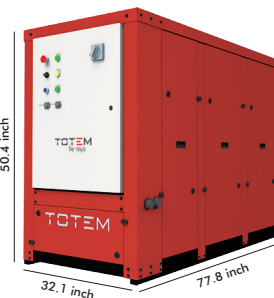


MODEL		TOTEM 25 BS
DIMENSIONS AND WEIGHT (INVERTER)		
h x w x l	Inch [cm]	67 [170] x 34.2 [87] x 16.1 [41]
Weight	Lb [kg]	463 [210]
Type of the inverter installation		mounted on the ground

HYDRAULIC CIRCUIT		
Inlet water temperature range	F [°C]	59 ÷ 158 [15 ÷ 70]
Outlet water temperature range	F [°C]	77 ÷ 176 [25 ÷ 80]
Rated water flow	gal/min [l/min]	22 [83]
Maximum pressure drop	kPa	60
Maximum exhaust gas temperature	F [°C]	170.6 [77]

WORKING CONDITIONS		
External air temperature	F [°C]	23 ÷ 104 [-5 ÷ 40]
Relative humidity	%	0 ÷ 75
Acoustic impact Lp @ 1 m distance in open field	dB(A)	61.1
Emissions CO	Lb/MWhr	≤ 0.5
Emissions NOx	Lb/MWhr	≤ 0.5
Precautions to be taken during assembly, installation or service		refer to installation and user manual
Technical specifications tolerance		+/- 5%

CERTIFICATIONS	
UL 2200 certified by Underwriters Laboratories	
UL 1741 certified by Underwriters Laboratories	
IEEE 1547 certified by Underwriters Laboratories	



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