

**SAWTP Emergency Generator**

Calculation of Thermal Rated Input

	Value	Units
Diesel in cc per stroke	0.45	cc per stroke
Engine V8 - 4 power strokes per Revolution	4	strokes per revolution
Revolutions per minute	1500	rpm
Volume in-take	2700	cc/min
Average specific volume per kg of EN 590 Diesel	0.0012	m <sup>3</sup> /kg
Density in kg/m <sup>3</sup>	833.33	kg/m <sup>3</sup>
Mass in-take	135	kg/hr
Calorific value of diesel	45.5	MJ/kg
Consumption (1)	1706.25	KW
Consumption (2)	1.706	MW (thermal)

**IVECO**

IVECO S.p.A.

**IMPORTANT ENGINE INFORMATION**ENGINE  
TYPE**FVAE2885XA100**ENGINE  
FAMILY**FVAE2885XA**SERIAL NUMBER **0001778**EPA family **7VEXL20.10DSL**

Model

**FVAE2885X**Date of MFG (mo - yr) **06-10**Displac. **1226.50** cu. in. Adv. H.P. **1032@1800** r.p.m. Idle speed **800** r.p.m.Fuel rate @ adv. pow. **450** mm<sup>3</sup> / Str.

Valve lash: Intake Exhaust

This engine conforms to **2007** model year U.S. EPA regulations for non road and **0,0197"** **0,0197"**  
stationary compression-ignition engines, and to **2007** model year California regulations  
for nonroad compression ignition engines. This engine is certified to operate on diesel fuel.

When making adjustments, set parking brake and block wheels. EMISSION CONTROL SYSTEM: **DDI, TC, CAC, ECM**



Gruppi Elettrogeni  
ISO 8525

Item	Serial N°
GENSET	3353
Model	Type
F720GX	GALAXY
Manufacture Year	Electrical Equipment
2011	EVOLUTION AUTO
PRP Power (kVA)	LTP Power (kVA)
720	850
Voltage	Ampere
400-231	1040
Frequency (Hz)	Cos Fi
50	0,8
Speed RPM	Phases
1500	3
Weight (kg)	Site Temp. °C
8360	45

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