



**INDUSTRIAL SERIES**

# 275F

3~ 50 Hz. 400V	
<b>FPT INDUSTRIAL</b>	
EU STAGE 2	
69 dB(A) @ 7 mt	
250 lt	

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
<b>275</b>	<b>220</b>	<b>302</b>	<b>242</b>

ENVIRONMENTAL CONDITIONS	
Temperature	<b>40° C</b>
Height	<b>1000 mslm</b>
Humidity	<b>60%</b>

AGG. 11/20

**OPEN VERSION B300**

**SOUNDPROOF VERSION C300**



The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>2660</b>	<b>2800</b>	<b>1310</b>	<b>1800</b>

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
<b>3320</b>	<b>3700</b>	<b>1400</b>	<b>2250</b>



Reference standards list: 2006/42/EC  
2014/35/UE  
ISO8528-1/10

Machinery directive  
Low voltage directive  
Performances ratings

ISO12100  
2014/30/UE

Machinery safety  
CEM directive

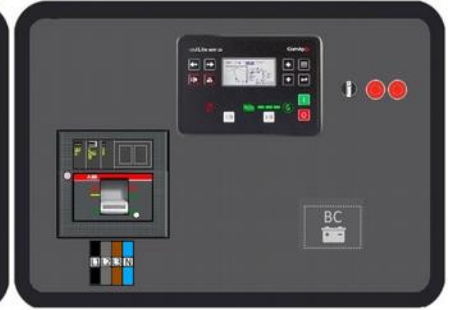
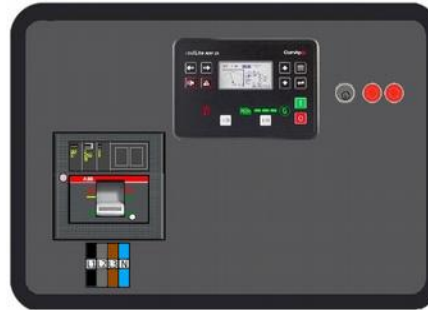
## TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	397	A
ENGINE	Engine	FPT CURSOR87 TE1D	
	Engine emissions standard (REG. UE 2016/1628)	EU STAGE 2	
	RPM governor	Electronic	
	Performance class (ISO8528-5)	G3	
	Rpm	1500	rpm
	Nr. of cylinders	6	
	Bore x stroke	117 x 135	mm
	Displacement	8700	cc
	Induction system	Turbocharged	
	Cooling system	Water	
	Engine net prime power	311 (232)	Hp (kW)
Exhaust gas aftertreatment	/		
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% load	35,4 – 46 – 58,5	lt/h
	Standard tank capacity	400	lt
	Autonomy @ 75% load	8,7	h
ALTERNATOR	Alternator	STAMFORD – MECC ALTE – MARELLI MOTORI	
	Type	Self excited, brushless	
	Number of poles	4	
	Insulation class	H	
	Temperature rise class	H	
	Voltage regulation	AVR	
	Voltage precision	± 1	%
GENERAL	Sound level (soundproof version)	69	dB(A) 7mt
	Exhaust pipe diameter	114	mm
	Electrical system voltage	24	V

## ELECTRIC PANEL

MANUAL

AUTOMATIC MAINS FAILURE



Electronic control unit with multimeter	<b>COMAP AMF25</b>	<b>COMAP AMF25</b>
Electrical panel enclosure protection degree	<b>IP44</b>	
ON-OFF electric panel switch	Key type	Without key
Emergency pushbutton	<b>STANDARD</b>	
Battery charge maintainer	/	<b>24V 5A</b>
Power supply	Full power terminal	Full power terminal
Circuit breaker	Magnetothermal type 4P ABB Tmax-T 630A	Magnetothermal type 4P ABB Tmax-T 630A
Main protection alarms	Min-max V and Hz. LOP. HWT. Battery charger alternator failure. Low fuel level	

## STANDARD ELECTRONIC CONTROL UNIT

COMAP  
AMF25



Functions: automatic or manual start, remote start, periodic test

Multimeter V (L1, L2, L3, N), A (L1, L2, L3), Hz, kVA, battery V, hour counter

Backlit LCD display. USB port

Communication accessories available: Ethernet, GSM-GPRS, 4G, GPS

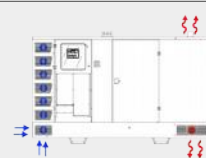
MODBUS and SNMP communication protocols support

Advanced PLC configurability



## OPTIONAL ELECTRONIC CONTROL UNIT

## SOUNDPROOF AND WEATHERPROOF CANOPY



<i>Self-supporting frame material</i>	<i>Carbon steel sheet, electro-welded, minimum thickness 3 mm</i>
<i>Soundproof canopy material</i>	<i>Carbon steel sheet, electro-welded, thickness between 1,5 and 5,5 mm</i>
<i>Painting</i>	<i>Epoxy powder RAL5015 textured, outdoor-proof</i>
<i>In-built fuel tank</i>	<b>250 lt + Drip tray</b>
<i>Soundproofing coating material</i>	<i>Polyester fiber. Fire resistance EN13501-1 class B</i>
<i>Muffler</i>	<i>In-built the canopy. Residential type with sound reduction 35 dB(A)</i>
<i>Access openings</i>	<i>n.3 doors with padlockable key lock</i>
<i>Electric panel</i>	<i>Lateral side position. Dedicated door with key lock</i>
<i>Fresh air intake and hot air expulsion</i>	
<i>Lifting system</i>	<i>n.2 lifting hooks</i>
<i>Support feet</i>	<i>n.4 support feet with holes for machine ground fastening</i>

## CONTAINER TRANSPORTABILITY ADVANTAGES

VERSION	20' BOX	40' BOX	40' HC
 <i>N. transportable pieces</i>	2	4	4
	1	3	3

## MAIN OPTIONS



630A automatic transfer switch (ATS)



400 lt bigger fuel tank with drip tray



2250W engine preheating system



Automatic fuel transfer kit with manual by-pass system



Residual current protection relay adjustable in sensitivity and intervention time

## OTHER OPTIONS

Power distribution socket set

Synchronizing electric panel

Battery switch

Remote control systems

ETHERNET, 2G - 3G - 4G, GPS

Further alternator brand

Quick couplings for connecting an external tank with three way valve

Outdoor, underground and transportable tanks

Slow or fast towing trailer

Front hot air expulsion canopy

Further colors

## VERSIONS WITH SPECIAL EQUIPMENT



### RENTAL

Special version with features designed for the rental market



### ZERO NOISE

Super sound-proofed special version, noise level 50, 55 or 60 dB(A)

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