

300F

AGG. 11/20

PRIME POWER		STAND-BY POWER	
kVA	kW	kVA	kW
300	240	330	264

ENVIRONMENTAL CONDITIONS	
Temperature	40° C
Height	1000 mslm
Humidity	60%

3~ 50 Hz. 400V	
FPT INDUSTRIAL	
STAGE 3A	
69 dB(A) @ 7 mt	
250 lt	

OPEN VERSION B300
SOUNDPROOF VERSION C300


The image is only for demonstration purposes

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
2660	2800	1310	1800

WEIGHT	DIMENSIONS		
kg	L [mm]	W [mm]	H [mm]
3320	3700	1400	2250



TECHNICAL DETAILS

ELECTRICAL DATA	Electrical system type	3F+N	~
	Power factor	0,8	φ
	Voltage	400	V
	Frequency	50	Hz
	PRP Ampere rating	433	A
ENGINE	Engine	CURSOR87 TE1PV	
	Engine emissions standard (REG. UE 2016/1628)	STAGE 3A	
	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	368,6 (275)	Hp (kW)
	Exhaust gas aftertreatment	/	
CONSUMPTION	Fuel type	Diesel	
	Consumption @ 50-75-100% load	37,3 – 50 – 66,6	lt/h
	Standard tank capacity	400	lt
	Autonomy @ 75% load	8	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

All data can be found out in the original technical datasheet of the engine and the alternator. Values shown are nominal values, they can change in every moment and without warning.

ELECTRIC PANEL

MANUAL

AUTOMATIC MAINS FAILURE



Electronic control unit with multimeter	COMAP AMF25	COMAP AMF25
Electrical panel enclosure protection degree	IP44	
ON-OFF electric panel switch	Key type	Without key
Emergency pushbutton	STANDARD	
Battery charge maintainer	/	24V 5A
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

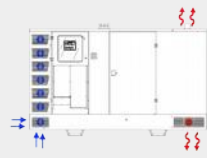
Advanced PLC configurability

OPTIONAL ELECTRONIC CONTROL UNIT



SOUNDPROOF AND WEATHERPROOF CANOPY



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

CONTAINER TRANSPORTABILITY ADVANTAGES

VERSION	20' BOX	40' BOX	40' HC
 N. transportable pieces	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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