

## ENCLOSURE TYPE: VM5 20



ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY AND MAY SHOW OPTIONAL EQUIPMENT. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.

## MAIN DATA

Continuous Power (PRP)	19.0 kVA
Continuous Power (PRP)	15.0 kW
Stand-by Power (LTP)	20.0 kVA
Stand-by Power (LTP)	16.0 kW
Voltage · Frequency · Power Factor	400V·50Hz·0.8cosφ
Sound pressure 7 metres (±3dBA)	<b>63.0 dBA</b>

## DIMENSIONS AND WEIGHT

Width	752 mm
Length	1802 mm
Height	1130 mm
Gross Weight kg	664 kg

## GENSET PROVIDED WITH:

Central lifting point; forklift pockets; Socket kit\*; GSM module + antenna; adjustable type A earth fault relay; thermal protection; external lockable fuel cap; battery rack including cables and isolator; liquid leak sensor; engine fluids (oil and antifreeze); oil filter; air filter; fuel filter; battery charger; anti-vibration mountings; engine pre-heater.

## GENERAL DATA

ENGINE		
Engine brand	PERKINS	
Engine model	404J-22G	
Cylinders	4	nr
Speed	1500	r.p.m.
Cubic capacity	2.22	l
Air intake	Aspirated	
Standard voltage	12	Vdc
Optional voltage	-	Vdc
Sae	4-7	
BMEP	671	kPa
Cooling	Water	
Flywheel P.R.P. Power	18.5	kW
Flywheel Stand-by Power	20.5	kW
Fuel Cons. at 100% (L.T.P.)	6.4	l/h
Fuel Cons. at 100% (P.R.P.)	5.6	l/h
Fuel Cons. at 75% (P.R.P.)	4.0	l/h
Fuel Cons. at 50% (P.R.P.)	2.2	l/h
Fuel Cons. at 25% (P.R.P.)	-	l/h
Engine speed regulator	Mechanical	
Precision class	-	
Oil quantity	6.3	l
Engine Antifreeze capacity	8.4	l
Heat from radiator	29.7	kW
Exhaust temperature	750	°C
Emissions	STAGE V	EU

ALTERNATOR		
Alternator brand	STAMFORD	
Alternator model	SOL2-G	
P.R.P. Power	20.0	kVA
L.T.P. Power	22.0	kVA
Connection	Series Star 3F+N	
Terminal Number	12	nr
IP Protection	23	
Electronic regulator	AS540	
Precision	1.0	+/-%

AUTONOMY		
Fuel tank	100	l
Hours of operation at 75% of load	25	h

CONTROL PANEL	
Controller Brand	COMAP
Controller Model	AMF 25 - IL4
*Socket kit	1x 32A 400V; 1x 16A 400V; 1x 16A 230V; 1x Schuko 230V



Standard reference conditions: temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance. P.R.P. Prime Power-Continuous power at variable load: The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer. L.T.P. Limited-time running power-Limited power: The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.

