



**TECHNICAL DATA SHEET**

**GALAXY - P 21 (rev. 001)**

**GEN SET PERFORMANCE**

<b>Continuous power (P.R.P.):</b>	20,00 kVA
<b>Continuous power (P.R.P.):</b>	16,00 kW
<b>Stand-by power (L.T.P.):</b>	22,00 kVA
<b>Stand-by power (L.T.P.):</b>	17,60 kW
<b>cos(φ):</b>	0.8
<b>Frequency:</b>	50 Hz
<b>Voltage:</b>	400/230 V
<b>No. phases:</b>	three-phases w neutral
<b>Engine speed:</b>	1500 rpm
<b>Length:</b>	1860 mm
<b>Width:</b>	910 mm
<b>Height:</b>	1600 mm
<b>Weight:</b>	800 kg



**ENGINE**

<b>Brand:</b>	PERKINS
<b>Model:</b>	404C-22G
<b>No. of Cylinders:</b>	4
<b>Cubic capacity:</b>	2,216 l
<b>Air intake:</b>	Aspirated
<b>Cooling:</b>	water
<b>Flywheel net power:</b>	18,4 kW
<b>Fuel cons. at 100% (L.T.P.):</b>	6,2 l/h
<b>Fuel cons. at 100% (P.R.P.):</b>	5,4 l/h
<b>Fuel cons. at 75% (P.R.P.):</b>	4 l/h
<b>Fuel cons. at 50% (P.R.P.):</b>	2,9 l/h
<b>Fuel cons. at 25% (P.R.P.):</b>	N/A

**BASE FRAME**

<b>Model:</b>	GV020
<b>Tank Capacity:</b>	50 l
<b>Canopy:</b>	GV020

**CONTROL PANEL**

<b>Available versions:</b>	PW005
	EVMAN
	EVMAN + AUTOSTART
	EVAU
	EVAU + ATS
	IN SYNC

**ALTERNATOR**

<b>Brand:</b>	MARELLI
<b>Model:</b>	MJB160SB4
<b>Continuous power:</b>	20 kVA
<b>Stand-by power:</b>	22 kVA
<b>Connection:</b>	Stella serie

**STARTING BATTERY**

<b>Capacity:</b>	100 Ah
<b>Quantity:</b>	1
<b>Voltage:</b>	12 V

**EXHAUST SILENCER**

<b>Model:</b>	MSR/a 40
<b>Quantity:</b>	1
<b>Diameter:</b>	48 mm

**FLEXIBLE PIPE**

<b>Model:</b>	DN40
<b>Quantity:</b>	1
<b>Diameter:</b>	48 mm

Standard reference conditions 25 °C temperature, altitude 1-1000 mt. A.S.L., R. humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, load balanced - non distortional. The mentioned power values are according to **ISO8528-1 standards**