



TECHNICAL DATA SHEET

POWERFULL - P 105 SS (rev. 001)

GEN SET PERFORMANCE

Continuous power (P.R.P.):	100,00 kVA
Continuous power (P.R.P.):	80,00 kW
Stand-by power (L.T.P.):	110,00 kVA
Stand-by power (L.T.P.):	88,00 kW
cos(φ):	0.8
Frequency:	50 Hz
Voltage:	400/230 V
No. phases:	three-phases w neutral
Engine speed:	1500 rpm
Length:	2950 mm
Width:	1020 mm
Height:	1740 mm
Weight:	1604 kg



ENGINE

Brand:	PERKINS
Model:	1104C-44TAG2
No. of Cylinders:	4
Cubic capacity:	4,4 l
Air intake:	Turbocharged
Cooling:	water
Flywheel net power:	89 kW
Fuel cons. at 100% (L.T.P.):	24,9 l/h
Fuel cons. at 100% (P.R.P.):	22,6 l/h
Fuel cons. at 75% (P.R.P.):	17,1 l/h
Fuel cons. at 50% (P.R.P.):	11,2 l/h
Fuel cons. at 25% (P.R.P.):	N/A

ALTERNATOR

Brand:	MARELLI
Model:	MJB225MA4
Continuous power:	105 kVA
Stand-by power:	116 kVA
Connection:	Stella serie

EXHAUST SILENCER

Model:	MSR/a 65
Quantity:	1
Diameter:	76 mm

BASE FRAME

Model:	ST20/87
Tank Capacity:	87 l
Canopy:	C20

CONTROL PANEL

Available versions:	PW005 EVMAN EVMAN + AUTOSTART EVAU EVAU + ATS IN SYNC
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STARTING BATTERY

Capacity:	100 Ah
Quantity:	1
Voltage:	12 V

FLEXIBLE PIPE

Model:	DN65
Quantity:	1
Diameter:	76 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**