



**TECHNICAL DATA SHEET**

**POWERFULL - P 41 SS (rev. 002)**

**GEN SET PERFORMANCE**

<b>Continuous power (P.R.P.):</b>	42,00 kVA
<b>Continuous power (P.R.P.):</b>	33,60 kW
<b>Stand-by power (L.T.P.):</b>	46,00 kVA
<b>Stand-by power (L.T.P.):</b>	36,80 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>	2950 mm
<b>Width:</b>	1020 mm
<b>Height:</b>	1740 mm
<b>Weight:</b>	1305 kg



**ENGINE**

<b>Brand:</b>	PERKINS
<b>Model:</b>	1103A-33TG1
<b>No. of Cylinders:</b>	3
<b>Cubic capacity:</b>	3,3 l
<b>Air intake:</b>	Turbocharged
<b>Cooling:</b>	water
<b>Flywheel net power:</b>	41,3 kW
<b>Fuel cons. at 100% (L.T.P.):</b>	12 l/h
<b>Fuel cons. at 100% (P.R.P.):</b>	10,7 l/h
<b>Fuel cons. at 75% (P.R.P.):</b>	8,2 l/h
<b>Fuel cons. at 50% (P.R.P.):</b>	5,7 l/h
<b>Fuel cons. at 25% (P.R.P.):</b>	3,4 l/h

**BASE FRAME**

<b>Model:</b>	ST20/87
<b>Tank Capacity:</b>	87 l
<b>Canopy:</b>	C20

**CONTROL PANEL**

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

**ALTERNATOR**

<b>Brand:</b>	MARELLI
<b>Model:</b>	MJB200SA4
<b>Continuous power:</b>	42 kVA
<b>Stand-by power:</b>	46 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 65
<b>Quantity:</b>	1
<b>Diameter:</b>	76 mm

**FLEXIBLE PIPE**

<b>Model:</b>	DN65
<b>Quantity:</b>	1
<b>Diameter:</b>	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**