



TECHNICAL DATA SHEET

POWERFULL - P 180 SS (rev. 001)

GEN SET PERFORMANCE

Continuous power (P.R.P.):	180,00 kVA
Continuous power (P.R.P.):	144,00 kW
Stand-by power (L.T.P.):	194,00 kVA
Stand-by power (L.T.P.):	155,20 kW
cos(φ):	0.8
Frequency:	50 Hz
Voltage:	400/230 V
No. phases:	three-phases w neutral
Engine speed:	1500 rpm
Length:	3390 mm
Width:	1020 mm
Height:	2100 mm
Weight:	2230 kg

ENGINE

Brand:	PERKINS
Model:	1106C-E66TAG4
No. of Cylinders:	6
Cubic capacity:	6,6 l
Air intake:	Turbocharged
Cooling:	water
Flywheel net power:	158,8 kW
Fuel cons. at 100% (L.T.P.):	44 l/h
Fuel cons. at 100% (P.R.P.):	40,2 l/h
Fuel cons. at 75% (P.R.P.):	31 l/h
Fuel cons. at 50% (P.R.P.):	20,5 l/h
Fuel cons. at 25% (P.R.P.):	N/A

ALTERNATOR

Brand:	STAMFORD
Model:	UCI274G
Continuous power:	180 kVA
Stand-by power:	194 kVA
Connection:	Stella serie

EXHAUST SILENCER

Model:	MSR/a 80
Quantity:	1
Diameter:	89 mm



BASE FRAME

Model:	ST30/230
Tank Capacity:	230 l
Canopy:	C30

CONTROL PANEL

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

STARTING BATTERY

Capacity:	100 Ah
Quantity:	1
Voltage:	12 V

FLEXIBLE PIPE

Model:	DN75
Quantity:	1
Diameter:	89 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**