



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: | 1538 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 |

BASE FRAME

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

CONTROL PANEL

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|----------------------------|--|
| Available versions: | PW005 EVMAN EVMAN + AUTOSTART EVAU EVAU + ATS IN SYNC |
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ALTERNATOR

| | |
|--------------------------|--------------|
| Brand: | STAMFORD |
| Model: | UCI274C |
| Continuous power: | 100 kVA |
| Stand-by power: | 110 kVA |
| Connection: | Stella serie |

STARTING BATTERY

| | |
|------------------|--------|
| Capacity: | 100 Ah |
| Quantity: | 1 |
| Voltage: | 12 V |

EXHAUST SILENCER

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

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**