


**POWERFULL "S"**


For illustrative purposes only

**ENGINE**

Engine brand	PERKINS
Engine model	4006-23TAG3A
Cylinders	6
Speed	1800 r.p.m.
Cubic capacity	22.92 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	0-18
BMEP	2200 kPa
Cooling	Water
Flywheel P.R.P. Power	715.0 kW
Flywheel Stand-by Power	795.0 kW
Fuel Cons. at 100% (L.T.P.)	224.0 l/h
Fuel Cons. at 100% (P.R.P.)	200.0 l/h
Fuel Cons. at 75% (P.R.P.)	144.0 l/h
Fuel Cons. at 50% (P.R.P.)	96.0 l/h
Fuel Cons. at 25% (P.R.P.)	0.0 l/h
Electronic regulator	Standard
Precision class	G2
Oil quantity	122.7 l
Engine Antifreeze capacity	51.0 l
Radiator type	Tropical
Heat from radiator	290.0 kW
Heat from exhaust	595.0 kW
Heat from radiation	58.0 kW
Exhaust temperature	500 °C
Cooling air flow	1140.00 m <sup>3</sup> /min
Combustion air flow	76.00 m <sup>3</sup> /min
Exhaust gas flow	209.00 m <sup>3</sup> /min
TA Luft	Not available
TA Luft/2	Not available
EPA	Not available
Stage	Not available

**MAIN DATA**

Continuous power (PRP)	844.0 (kVA)
Continuous power (PRP)	675.2 (kW)
Stand-by power (LTP)	938.0 (kVA)
Stand-by power (LTP)	750.4 (kW)
Voltage • Frequency • Power Factor	480V • 60Hz • 0.8 cosφ
Sound pressure 7 m.	0.0 dBA

**DIMENSIONS AND WEIGHT**

Width	2200 mm
Length	5700 mm
Height	2950 mm
Weight	8870 kg

**ALTERNATOR**

Alternator brand	MECC ALTE
Alternator model	ECO40-VL/4
P.R.P. Power	900.0 kVA
L.T.P. Power	970.0 kVA
Connection	Parallel star
Phases	3PH+N
Winding	12 terminals 800 V
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	DER-1
Precision	1.0 ± %

**BASEFRAME**

Model	ST60
Standard tank	0 l
Optional tank	0 l
Oversized tank*	0 l

**CANOPY & SILENCER**

Canopy model	C60/05
Silencer model	MSR/a 150
Silencer outlet diameter	168.0 mm

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance.

**P.R.P. Prime Power-Continuous power at variable load:** The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer.

**L.T.P. Limited-time running power-Limited power:** The maximum power that a genset can supply for a limited time respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.

