



POWERFULL "S"



For illustrative purposes only

ENGINE

Engine brand	CUMMINS
Engine model	KTA38-G4
Cylinders	12
Speed	1800 r.p.m.
Cubic capacity	37.80 l
Air intake	Turbocharged
Standard voltage	24 Vdc
Optional voltage	Vdc
Sae	0-18
BMEP	1779 kPa
Cooling	Water
Flywheel P.R.P. Power	974.0 kW
Flywheel Stand-by Power	1078.0 kW
Fuel Cons. at 100% (L.T.P.)	271.0 l/h
Fuel Cons. at 100% (P.R.P.)	245.0 l/h
Fuel Cons. at 75% (P.R.P.)	190.0 l/h
Fuel Cons. at 50% (P.R.P.)	136.0 l/h
Fuel Cons. at 25% (P.R.P.)	81.0 l/h
Electronic regulator	Standard
Precision class	G2
Oil quantity	135.0 l
Engine Antifreeze capacity	124.0 l
Radiator type	Tropical
Heat from radiator	681.0 kW
Heat from exhaust	762.0 kW
Heat from radiation	163.0 kW
Exhaust temperature	524 °C
Cooling air flow	1476.00 m ³ /min
Combustion air flow	86.10 m ³ /min
Exhaust gas flow	238.00 m ³ /min
TA Luft	Not available
TA Luft/2	Not available
EPA	Not available
Stage	Not available

MAIN DATA

Continuous power (PRP)	1140.0 (kVA)
Continuous power (PRP)	912.0 (kW)
Stand-by power (LTP)	1250.0 (kVA)
Stand-by power (LTP)	1000.0 (kW)
Voltage • Frequency • Power Factor	208V • 60Hz • 0.8 cosφ
Sound pressure 7 m.	0.0 dBA

DIMENSIONS AND WEIGHT

Width	N/D mm
Length	N/D mm
Height	N/D mm
Weight	0 kg

ALTERNATOR

Alternator brand	STAMFORD
Alternator model	HCI6J
P.R.P. Power	1150.0 kVA
L.T.P. Power	1250.0 kVA
Connection	Parallel star
Phases	3PH+N
Winding	12 terminals Winding 311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	MX321
Precision	0.5 ± %

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 200
Silencer outlet diameter	219.0 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.

