



POWERFULL "S"



For illustrative purposes only

ENGINE

Engine brand	CUMMINS
Engine model	KTA50-G3
Cylinders	
Speed	r.p.m.
Cubic capacity	l
Air intake	
Standard voltage	Vdc
Optional voltage	Vdc
Sae	
BMEP	kPa
Cooling	
Flywheel P.R.P. Power	0.0 kW
Flywheel Stand-by Power	0.0 kW
Fuel Cons. at 100% (L.T.P.)	l/h
Fuel Cons. at 100% (P.R.P.)	l/h
Fuel Cons. at 75% (P.R.P.)	l/h
Fuel Cons. at 50% (P.R.P.)	l/h
Fuel Cons. at 25% (P.R.P.)	l/h
Electronic regulator	
Precision class	
Oil quantity	0.0 l
Engine Antifreeze capacity	l
Radiator type	
Heat from radiator	kW
Heat from exhaust	kW
Heat from radiation	kW
Exhaust temperature	°C
Cooling air flow	m ³ /min
Combustion air flow	m ³ /min
Exhaust gas flow	m ³ /min
TA Luft	
TA Luft/2	
EPA	
Stage	

MAIN DATA

Continuous power (PRP)	N/A (kVA)
Continuous power (PRP)	0.0 (kW)
Stand-by power (LTP)	N/A (kVA)
Stand-by power (LTP)	0.0 (kW)
Voltage • Frequency • Power Factor	V • Hz • 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	PI734A
P.R.P. Power	kVA
L.T.P. Power	kVA
Connection	Star
Phases	
Winding	
Terminal Number	nr.
IP Protection	
Electronic regulator	
Precision	± %

BASEFRAME

Model	
Standard tank	l
Optional tank	l
Oversized tank*	l

CANOPY & SILENCER

Canopy model	
Silencer model	
Silencer outlet diameter	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.

