TECHNICAL DATASHEET P 1700 S



P 1700 S

POWERFULL "S"

For illustrative purposes only

ENGINE Description



www



MAIN DATA	
Continuous power (PRP)	1705.00 kVA
Continuous power (PRP)	1364.00 kW
Emergency power (E.P.)	1873.00 kVA
Emergency power (E.P.)	1498.40 kW
VAC - HZ - cos(fi)	380 - 50 - 0.8
Sound pressure 7 m.	78.0 dBA

DIMENSIONS AND WEIGHT

OR

Width	2900	mm
Length	9380	mm
Height	3550	mm
Weight	15300	kg

Engine model	4012-46TAG3A			
Cylinders	12		ALTERNAT	
RPM speed	1500		Description	
Cubic capacity	45.84	I	Alternator mo	
Air intake	Turbocharged		P.R.P. Power	
Standard voltage	24	Vdc	E.P. Power	
Optional voltage		Vdc	Connection	
Sae	00-18		Phases	
BMEP	2603	kPa	Winding	
Cooling	Water		Terminal Num	
Flywheel P.R.P. Power net	1436.0	kW	IP Protection	
Flywheel E.P. Power net	1579.0	kW	Electronic reg	
Fuel Cons. at 100% (E.P.)	405.0	l/h	Precision	
Fuel Cons. at 100% (P.R.P)	370.0	l/h	BASEFRAM	
Fuel Cons. at 75% (P.R.P.)	275.0	l/h	Model	
Fuel Cons. at 50% (P.R.P.)	187.0	l/h	Standard tank	
Fuel Cons. at 25% (P.R.P.)	0.0	l/h	Optional tank	
Electronic regulator	Standard		Oversized tan	
Precision class	G3			
Oil quantity	177.0	I	CANOPY &	
Engine Antifreeze capacity	73.0	1	Canopy model	
Radiator type	TE		Silencer mode	
Heat from radiator	510.0	kW	Silencer outlet	
Heat from exhaust	1102.0	kW	Standard reference atmospheric press	
Heat from radiation	110.0	kW	distortional. Fuel c power values refer Dimensions, weigh related attachment equipment; any c dimensions, perforn The power that a ge number of hours p environmental conc power supplied ove stated by the Manu generating set can	
Exhaust temperature	480	°C		
Portata Raffreddamento	1920.0	m³/min		
Combustion air flow	125.0	m³/min		
Exhaust gas flow	350.0	m³/min		
TA Luft	Ν			
TA Luft/2	Ν		maintenance frequ Manufacturer. The r average power out manufacturer. Over	
EPA	Ν			
Stage	Ν			

PERKINS

Description	STAMFORD	
Alternator model	S7L1D-E	
P.R.P. Power	1750.0	kVA
E.P. Power	1873.0	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX341	
Precision	1.0	± %
BASEFRAME		
Model	ST60	
Standard tank	0	I
Optional tank	0	1
Oversized tank*	0	1

CANOPY & SILENCER	
Canopy model	C60/08/01
Silencer model	
Silencer outlet diameter	0.0 mm

e conditions temperature 25°C, altitude 100m asl, relative humidity 30%. sure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non consumption is nominal and refers to specific weight 0,850kg/l. Sound er to free field conditions: the installation site may influence the values. hts and other specifications contained in the technical data sheet and its are nominal, subject to tolerances and refer to the model with standard optional and additional equipment/accessories can modify weight, rmance. P.R.P. Prime Power-Continuous power at variable load: genset can supply in continuous service at a variable load for an unlimited per year while respecting the maintenance intervals established in the ditions stated by the Manufacturer. according to ISO8528-1. The average ver time and any applicable overload must be less than the percentages nufacturer. **E.P. - Emergency power:** This is the maximum power that a n deliver for a limited number of hours per year while complying with the quency stipulated under the environmental conditions set by the number of hours per year is determined by the engine manufacturer. The utput over time must be lower than the percentages set by the engine erloading is not allowed.

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.

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