

P 1700 S





POWERFULL "S"



For illustrative	purposes	only
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Engine model PERKINS Engine model 4012-46TAG3A Cylinders 12 RPM speed 1500 Cubic capacity 45.84 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage 24 Vdc Sae 00-18 BMEP 2603 kPa Cooling Water Flywheel P.R.P. Power net 1436.0 kW Flywheel Stand-by Power net 1579.0 kW Fuel Cons. at 100% (L.T.P.) 405.0 l/h Fuel Cons. at 100% (P.R.P) 370.0 l/h Fuel Cons. at 75% (P.R.P.) 275.0 l/h Fuel Cons. at 25% (P.R.P.) 187.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 187.0 l/h Fuel Cons. at 75% (P.R.P.) 1	ENGINE		
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Electronic regulatorStandardPrecision classG3Oil quantity177.0 Engine Antifreeze capacity73.0 Radiator typeTEHeat from radiator510.0 kWHeat from exhaust1102.0 kWHeat from radiation110.0 kWExhaust temperature480 °CPortata Raffreddamento1920.0 m³/minCombustion air flow125.0 m³/minExhaust gas flow350.0 m³/min	Fuel Cons. at 50% (P.R.P.)	187.0	l/h
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Heat from radiation 110.0 kW Exhaust temperature 480 °C Portata Raffreddamento 1920.0 m³/min Combustion air flow 125.0 m³/min Exhaust gas flow 350.0 m³/min	Heat from radiator	510.0	kW
Exhaust temperature 480 °C Portata Raffreddamento 1920.0 m³/min Combustion air flow 125.0 m³/min Exhaust gas flow 350.0 m³/min	Heat from exhaust	1102.0	kW
Portata Raffreddamento 1920.0 m³/min Combustion air flow 125.0 m³/min Exhaust gas flow 350.0 m³/min	Heat from radiation	110.0	kW
Combustion air flow 125.0 m³/min Exhaust gas flow 350.0 m³/min	Exhaust temperature	480	°C
Exhaust gas flow 350.0 m³/min	Portata Raffreddamento	1920.0	m³/min
J. 1	Combustion air flow	125.0	m³/min
TA Luft N	Exhaust gas flow	350.0	m³/min
	TA Luft	N	
TA Luft/2 N	TA Luft/2	N	
EPA N	EPA	N	
Stage	Stage	N	

MAIN DATA		
Continuous power (PRP)	1705.00	kVA
Continuous power (PRP)	1364.00	kW
Stand-by power (LTP)	1873.00	kVA
Stand-by power (LTP)	1498.40	kW
VAC - HZ - cos(fi)	400 - 50 - 0.8	
Sound pressure 7 m.	78	dBA

DIMENSIONS AND WEIGHT		
Width	2900	mm
Length	9380	mm
Height	3550	mm
Weight	15300	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S7L1D-E	
P.R.P. Power	1750 kVA	
L.T.P. Power	1873 kVA	
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6 nr.	
IP Protection	23	
Electronic regulator	MX341	
Precision	1 ± %	

BASEFRAME	
Model	ST60
Standard tank	0 1
Optional tank	0 1
Oversized tank*	0 1

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