

P 1700 S





POWERFULL "S"



For	illustr	ative	purposes	s only

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 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 I/h Fuel Cons. at 100% (P.R.P) 370.0 I/h Fuel Cons. at 55% (P.R.P.) 275.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.) 187.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.) 187.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h <th>ENGINE</th> <th></th> <th></th>	ENGINE		
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Fuel Cons. at 50% (P.R.P.) 187.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 177.0 l Engine Antifreeze capacity 73.0 l Radiator type TE Heat from radiator 510.0 kW Heat from exhaust 1102.0 kW 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 TA Luft N TA Luft/2 N EPA N	Fuel Cons. at 100% (P.R.P)	370.0	l/h
Fuel Cons. at 25% (P.R.P.) Electronic regulator Precision class G3 Oil quantity Engine Antifreeze capacity Radiator type Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA OG Standard Standard Standard Standard 1177.0 I Extandard FTE Heat from 173.0 I TA Luft TA Luft/2 EPA N In 0.0 I/h Standard Standard A 80 C A TO TO TO TO TO TO TO TO TO	Fuel Cons. at 75% (P.R.P.)	275.0	l/h
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Precision class Oil quantity Engine Antifreeze capacity Radiator type Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA Ord 177.0 I 177.0 I 177.0 I 177.0 I 178.0 I 189.0 I 189.0 I 190.0 I	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity Engine Antifreeze capacity Radiator type TE Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow Exhaust gas flow TA Luft TA Luft/2 EPA ID 177.0 I 777.0 I 778.0 I 177.0 I 177.	Electronic regulator	Standard	
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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 N TA Luft/2 N EPA N	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 TA Luft N TA Luft/2 N EPA N	Heat from radiation	110.0	kW
Combustion air flow 125.0 m³/min Exhaust gas flow 350.0 m³/min TA Luft N TA Luft/2 N EPA N	Exhaust temperature	480	°C
Exhaust gas flow 350.0 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	1920.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	125.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	350.0	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
	Stage	N	

MAIN DATA		
Continuous power (PRP)	1705.00	kVA
Continuous power (PRP)	1364.00	kW
Stand-by power (LTP)	1875.00	kVA
Stand-by power (LTP)	1500.00	kW
VAC - HZ - cos(fi)	380 - 50 - 0.8	
Sound pressure 7 m.	78	dBA

DIMENSIONS AND WEIGHT		
Width	2900	mm
Length	9380	mm
Height	3550	mm
Weight	15500	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	PI734E
P.R.P. Power	1845 kVA
L.T.P. Power	1975 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.