

## P 805 S





## **POWERFULL "S"**



For ill	lustrative	nurnoses	only

Description PERKINS Engine model 4006-23TAG3A Cylinders 6 RPM speed 1500 Cubic capacity 22.92   I Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 0-18 BMEP 2452 kPa Cooling Water Flywheel P.R.P. Power net 675.0 kW Flywheel E.P. Power net 756.0 kW Fuel Cons. at 100% (E.P.) 194.0 l/h Fuel Cons. at 100% (P.R.P) 172.0 l/h Fuel Cons. at 55% (P.R.P.) 30.0 l/h Fuel Cons. at 25% (P.R.P.) 90.0 l/h Fuel Cons. at 25% (P.R.P.) 10.0 l/h Fuel Cons. at 25% (P.R.P.) 12.7 l Electronic regulator Standard Precision class G3 Oil quantity 122.7 l Engine Antifreeze capacity 51.0 l Radiator type TR Heat from radiator 541.0 kW Heat from radiator 86.0 kW Exhaust temperature 500 °C Portata Raffreddamento 870.0 m³/min Combustion air flow 73.0 m³/min Exhaust gas flow 193.0 m³/min TA Luft N  EPA Stage N	ENGINE		
Engine model 4006-23TAG3A  Cylinders 6 RPM speed 1500  Cubic capacity 22.92    Air intake Turbocharged  Standard voltage 24 Vdc  Optional voltage Vdc  Sae 0-18  BMEP 2452 kPa  Cooling Water  Flywheel P.R.P. Power net 675.0 kW  Flywheel E.P. Power net 756.0 kW  Fuel Cons. at 100% (E.P.) 194.0 l/h  Fuel Cons. at 100% (P.R.P) 172.0 l/h  Fuel Cons. at 55% (P.R.P.) 130.0 l/h  Fuel Cons. at 25% (P.R.P.) 90.0 l/h  Fuel Cons. at 25% (P.R.P.) 0.0 l/h  Electronic regulator Standard  Precision class G3  Oil quantity 122.7 l  Engine Antifreeze capacity 51.0 l  Radiator type TR  Heat from radiator 541.0 kW  Heat from radiator 86.0 kW  Exhaust temperature 500 °C  Portata Raffreddamento 870.0 m³/min  Combustion air flow 73.0 m³/min  Exhaust gas flow 193.0 m³/min  TA Luft N  TA Luft/2 N		DEDVING	
Cylinders         6           RPM speed         1500           Cubic capacity         22.92           Air intake         Turbocharged           Standard voltage         24           Vdc         Optional voltage         Vdc           Sae         0-18         Vdc           BMEP         2452         kPa           Cooling         Water         Vdc           Flywheel P.R.P. Power net         675.0         kW           Flywheel E.P. Power net         756.0         kW           Fuel Cons. at 100% (E.P.)         194.0         l/h           Fuel Cons. at 50% (P.R.P.)         172.0         l/h           Fuel Cons. at 55% (P.R.P.)         90.0         l/h           Fuel Cons. at 25% (P.R.P.)         90.	·		
RPM speed         1500           Cubic capacity         22.92         I           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18         BMEP         2452         kPa           Cooling         Water         Flywheel P.R.P. Power net         675.0         kW           Flywheel E.P. Power net         756.0         kW           Flywheel E.P. Power net         756.0         kW           Fuel Cons. at 100% (E.P.)         194.0         I/h           Fuel Cons. at 100% (P.R.P)         172.0         I/h           Fuel Cons. at 75% (P.R.P.)         130.0         I/h           Fuel Cons. at 25% (P.R.P.)         90.0         I/h           Fuel Cons. at 50% (P.R.P.)         90.0         I/h			
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Air intake       Turbocharged         Standard voltage       24 Vdc         Optional voltage       Vdc         Sae       0-18         BMEP       2452 kPa         Cooling       Water         Flywheel P.R.P. Power net       675.0 kW         Flywheel E.P. Power net       756.0 kW         Fuel Cons. at 100% (E.P.)       194.0 l/h         Fuel Cons. at 100% (P.R.P)       172.0 l/h         Fuel Cons. at 55% (P.R.P.)       130.0 l/h         Fuel Cons. at 55% (P.R.P.)       90.0 l/h         Fuel Cons. at 25% (P.R.P.)       90.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Fuel Cons. at 25% (P.R.P.)       130.0 l/h         Fuel Cons. at 25% (P.R.P.)       90.0 l/h         Fuel Cons. at 25% (P.R.P.)       10.0 l/h         Fuel Cons. at 100% (P.R.P.)       10.0 l/h         Fuel Cons. at 25% (P.R.P.)       10.0 l/h         Fuel Cons. at 100% (P.R.P.)       10.0 l/h			
Standard voltage         24 Vdc           Optional voltage         Vdc           Sae         0-18           BMEP         2452 kPa           Cooling         Water           Flywheel P.R.P. Power net         675.0 kW           Flywheel E.P. Power net         756.0 kW           Fuel Cons. at 100% (E.P.)         194.0 l/h           Fuel Cons. at 100% (P.R.P)         172.0 l/h           Fuel Cons. at 75% (P.R.P.)         130.0 l/h           Fuel Cons. at 50% (P.R.P.)         90.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Fuel Cons. at 25% (P.R.P.)         90.0 l/h           Fuel Cons. at 25% (P.R.P.)         90.0 l/h           Fuel Cons. at 25% (P.R.P.)         10.0 l/h	Cubic capacity	22.92	I
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Sae       0-18         BMEP       2452 kPa         Cooling       Water         Flywheel P.R.P. Power net       675.0 kW         Flywheel E.P. Power net       756.0 kW         Fuel Cons. at 100% (E.P.)       194.0 l/h         Fuel Cons. at 100% (P.R.P)       172.0 l/h         Fuel Cons. at 55% (P.R.P.)       130.0 l/h         Fuel Cons. at 55% (P.R.P.)       90.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       122.7 l         Engine Antifreeze capacity       51.0 l         Radiator type       TR         Heat from radiator       541.0 kW         Heat from exhaust       741.0 kW         Heat from radiation       86.0 kW         Exhaust temperature       500 °C         Portata Raffreddamento       870.0 m³/min         Combustion air flow       73.0 m³/min         Exhaust gas flow       193.0 m³/min         TA Luft       N         EPA       N	Standard voltage	24	Vdc
BMEP       2452       kPa         Cooling       Water         Flywheel P.R.P. Power net       675.0       kW         Flywheel E.P. Power net       756.0       kW         Fuel Cons. at 100% (E.P.)       194.0       l/h         Fuel Cons. at 100% (P.R.P)       172.0       l/h         Fuel Cons. at 75% (P.R.P.)       130.0       l/h         Fuel Cons. at 25% (P.R.P.)       90.0       l/h         Fuel Cons. at 25% (P.R.P.)       0.0       l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       122.7       l         Engine Antifreeze capacity       51.0       l         Radiator type       TR       R         Heat from radiator       541.0       kW         Heat from exhaust       741.0       kW         Heat from radiation       86.0       kW         Exhaust temperature       500       °C         Portata Raffreddamento       870.0       m³/min         Combustion air flow       73.0       m³/min         Exhaust gas flow       193.0       m³/min         TA Luft/2       N         EPA       N	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         675.0 kW           Flywheel E.P. Power net         756.0 kW           Fuel Cons. at 100% (E.P.)         194.0 l/h           Fuel Cons. at 100% (P.R.P)         172.0 l/h           Fuel Cons. at 75% (P.R.P.)         130.0 l/h           Fuel Cons. at 50% (P.R.P.)         90.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         122.7 l           Engine Antifreeze capacity         51.0 l           Radiator type         TR           Heat from radiator         541.0 kW           Heat from exhaust         741.0 kW           Heat from radiation         86.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         870.0 m³/min           Combustion air flow         73.0 m³/min           Exhaust gas flow         193.0 m³/min           TA Luft         N           EPA         N	Sae	0-18	
Flywheel P.R.P. Power net         675.0 kW           Flywheel E.P. Power net         756.0 kW           Fuel Cons. at 100% (E.P.)         194.0 l/h           Fuel Cons. at 100% (P.R.P)         172.0 l/h           Fuel Cons. at 75% (P.R.P.)         130.0 l/h           Fuel Cons. at 50% (P.R.P.)         90.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         122.7 l           Engine Antifreeze capacity         51.0 l           Radiator type         TR           Heat from radiator         541.0 kW           Heat from exhaust         741.0 kW           Heat from radiation         86.0 kW           Exhaust temperature         500 °C           Portata Raffreddamento         870.0 m³/min           Combustion air flow         73.0 m³/min           Exhaust gas flow         193.0 m³/min           TA Luft         N           EPA         N	BMEP	2452	kPa
Flywheel E.P. Power net       756.0 kW         Fuel Cons. at 100% (E.P.)       194.0 l/h         Fuel Cons. at 100% (P.R.P)       172.0 l/h         Fuel Cons. at 75% (P.R.P.)       130.0 l/h         Fuel Cons. at 50% (P.R.P.)       90.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       122.7 l         Engine Antifreeze capacity       51.0 l         Radiator type       TR         Heat from radiator       541.0 kW         Heat from exhaust       741.0 kW         Heat from radiation       86.0 kW         Exhaust temperature       500 °C         Portata Raffreddamento       870.0 m³/min         Combustion air flow       73.0 m³/min         Exhaust gas flow       193.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Cooling	Water	
Fuel Cons. at 100% (E.P.)       194.0 I/h         Fuel Cons. at 100% (P.R.P)       172.0 I/h         Fuel Cons. at 75% (P.R.P.)       130.0 I/h         Fuel Cons. at 50% (P.R.P.)       90.0 I/h         Fuel Cons. at 25% (P.R.P.)       0.0 I/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       122.7 I         Engine Antifreeze capacity       51.0 I         Radiator type       TR         Heat from radiator       541.0 kW         Heat from exhaust       741.0 kW         Heat from radiation       86.0 kW         Exhaust temperature       500 °C         Portata Raffreddamento       870.0 m³/min         Combustion air flow       73.0 m³/min         Exhaust gas flow       193.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	675.0	kW
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Fuel Cons. at 25% (P.R.P.)  Electronic regulator  Precision class  G3  Oil quantity  Engine Antifreeze capacity  Fuel from radiator  Heat from radiator  Heat from radiator  Exhaust temperature  Fuel temperature	Fuel Cons. at 75% (P.R.P.)	130.0	l/h
Electronic regulator  Precision class G3 Oil quantity 122.7   Engine Antifreeze capacity 51.0   Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature Portata Raffreddamento Combustion air flow TA Luft TA Luft/2 EPA Signature Sda Standard Ta Luft Standard Stand	Fuel Cons. at 50% (P.R.P.)	90.0	l/h
Precision class  Oil quantity  122.7   Engine Antifreeze capacity  Fadiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  TA Luft  TA Luft/2  EPA  Solution  122.7   12.7   12.8   14.0   15.0   16.0   17.0   18.0   18.0   19.	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity Engine Antifreeze capacity Fadiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature For the temp	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  T41.0 kW  Heat from radiation  Respectively  Heat from radiation  Respectively  Radiator type  TR  Heat from radiator  Respectively  Fortat from exhaust  T41.0 kW  Respectively  Respectively  Fortat from radiation  Respectively  Respectiv	Precision class	G3	
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Exhaust temperature 500 °C  Portata Raffreddamento 870.0 m³/min  Combustion air flow 73.0 m³/min  Exhaust gas flow 193.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	741.0	kW
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Combustion air flow 73.0 m³/min  Exhaust gas flow 193.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Exhaust temperature	500	°C
Exhaust gas flow 193.0 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	870.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	73.0	m³/min
TA Luft N TA Luft/2 N EPA N	Exhaust gas flow	193.0	m³/min
EPA N	TA Luft	N	
EPA N	TA Luft/2	N	
Stage N		N	
	Stage	N	

MAIN DATA		
Continuous power (PRP)	800.00	kVA
Continuous power (PRP)	640.00	kW
Emergency power (E.P.)	850.00	kVA
Emergency power (E.P.)	680.00	kW
VAC - HZ - cos(fi)	380 - 50 - 0.8	
Sound pressure 7 m.	72.0	dBA

DIMENSIONS AND WEIGH	Г
Width	2200 mm
Length	5700 mm
Height	2950 mm
Weight	8680 kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S6L1D-C
P.R.P. Power	800.0 kVA
E.P. Power	850.0 kVA
Connection	Star
Phases	3FN
Winding	312
Terminal Number	6 nr.
IP Protection	23
Electronic regulator	MX322
Precision	0.5 ± %

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

<b>CANOPY &amp; SILENCER</b>		
Canopy model	C60/05	
Silencer model	MSR/a 150	
Silencer outlet diameter	168.0	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. E.P. - Emergency power: This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year is determined by the engine manufacturer. The average power output over time must be lower than the percentages set by the engine manufacturer. Overloading 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.