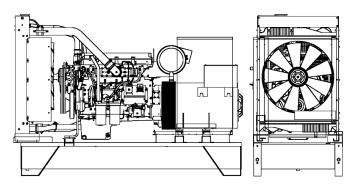


## P 600 B





## **POWERFULL "B"**



EPA

Stage

Description         PERKINS           Engine model         2806A-E18TAG1A           Cylinders         6           RPM speed         1800           Cubic capacity         18.13           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18         BMEP           Cooling         Water         Water           Flywheel P.R.P. Power net         543.0         kW           Flywheel E.P. Power net         598.0         kW           Fuel Cons. at 100% (E.P.)         141.0         l/h           Fuel Cons. at 100% (P.R.P)         127.0         l/h           Fuel Cons. at 55% (P.R.P.)         95.0         l/h           Fuel Cons. at 25% (P.R.P.)         66.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Fuel Corns. at 25% (P.R.P.)         0.0         l/h	For illustrative purposes only		
Engine model 2806A-E18TAG1A  Cylinders 6 RPM speed 1800 Cubic capacity 18.13   Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Optional voltage Vate  Engine Meel P.R.P. Power net 543.0 kW Flywheel P.R.P. Power net 598.0 kW Fuel Cons. at 100% (E.P.) 141.0  /h Fuel Cons. at 100% (P.R.P) 127.0  /h Fuel Cons. at 55% (P.R.P.) 95.0  /h Fuel Cons. at 25% (P.R.P.) 66.0  /h Fuel Cons. at 25% (P.R.P.) 66.0  /h Fuel Cons. at 25% (P.R.P.) 70.0  /h Fuel Cons. at 100% (P.R.P.)	ENGINE		
Cylinders         6           RPM speed         1800           Cubic capacity         18.13           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18         BMEP           Cooling         Water         Flywheel P.R.P. Power net         543.0         kW           Flywheel P.R.P. Power net         598.0         kW           Flywheel E.P. Power net         598.0         kW           Fuel Cons. at 100% (E.P.)         141.0         l/h           Fuel Cons. at 75% (P.R.P.)         95.0         l/h           Fuel Cons. at 50% (P.R.P.)         95.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Electronic regulator         Standard         Precision class         G3           Oil quantity         62.0	Description	PERKINS	
RPM speed       1800         Cubic capacity       18.13       I         Air intake       Turbocharged       24       Vdc         Standard voltage       Vdc       Vdc         Optional voltage       Vdc       Vdc         Sae       0-18       BMEP       2087       kPa         Cooling       Water       Flywheel P.R.P. Power net       543.0       kW       Flywheel E.P. Power net       598.0       kW       Flywheel E.P. Power net       598.0       kW       Fuel Cons. at 100% (P.R.P.)       141.0       l/h       Fuel Cons. at 100% (P.R.P.)       127.0       l/h       Fuel Cons. at 50% (P.R.P.)       95.0       l/h       Fuel Cons. at 50% (P.R.P.)       95.0       l/h       Fuel Cons. at 25% (P.R.P.)       96.0       l/h       Fuel Cons. at 25% (P.R.P.)       95.0       l/h       Fuel Cons. at 25% (P.R.P.) <th< td=""><td>Engine model</td><td>2806A-E18TAG1A</td><td></td></th<>	Engine model	2806A-E18TAG1A	
Cubic capacity         18.13         I           Air intake         Turbocharged         Standard voltage         24         Vdc           Optional voltage         Vdc         Vdc         Vdc         Sae         0-18         BMEP         2087         kPa         KPa         Cooling         Water         FV         FV         Water         FV         FV         FV         Air Mark         FV         FV         FV         Air Mark         FV         FV         FV         Air Mark         FV         FV         Air Mark         FV         <	Cylinders	6	
Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae 0-18 BMEP 2087 kPa Cooling Water Flywheel P.R.P. Power net 543.0 kW Flywheel E.P. Power net 598.0 kW Fuel Cons. at 100% (E.P.) 141.0 l/h Fuel Cons. at 100% (P.R.P) 127.0 l/h Fuel Cons. at 75% (P.R.P.) 95.0 l/h Fuel Cons. at 50% (P.R.P.) 66.0 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 62.0 l Engine Antifreeze capacity 0.0 l Radiator type TR Heat from radiator 166.0 kW Heat from radiation 40.0 kW Exhaust temperature 481 °C Portata Raffreddamento 852.0 m³/min Combustion air flow 43.0 m³/min Exhaust gas flow 109.0 m³/min TA Luft N	RPM speed	1800	
Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18           BMEP         2087         kPa           Cooling         Water           Flywheel P.R.P. Power net         543.0         kW           Flywheel E.P. Power net         598.0         kW           Fuel Cons. at 100% (E.P.)         141.0         l/h           Fuel Cons. at 100% (P.R.P)         127.0         l/h           Fuel Cons. at 55% (P.R.P.)         95.0         l/h           Fuel Cons. at 50% (P.R.P.)         66.0         l/h           Fuel Cons. at 25% (P.R.P.)         0.0         l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         62.0         l           Engine Antifreeze capacity         0.0         l           Radiator type         TR         l           Heat from radiator         166.0         kW           Heat from radiation         40.0         kW           Heat from radiation         40.0         kW           Exhaust temperature         481         °C           Portata Raffreddamento         852.0         m³/min	Cubic capacity	18.13	1
Optional voltage         Vdc           Sae         0-18           BMEP         2087 kPa           Cooling         Water           Flywheel P.R.P. Power net         543.0 kW           Flywheel E.P. Power net         598.0 kW           Fuel Cons. at 100% (E.P.)         141.0 l/h           Fuel Cons. at 100% (P.R.P)         127.0 l/h           Fuel Cons. at 75% (P.R.P.)         95.0 l/h           Fuel Cons. at 50% (P.R.P.)         66.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Fuel Cons. at 75% (P.R.P.)         0.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h	Air intake	Turbocharged	
Sae       0-18         BMEP       2087       kPa         Cooling       Water         Flywheel P.R.P. Power net       543.0       kW         Flywheel E.P. Power net       598.0       kW         Fuel Cons. at 100% (E.P.)       141.0       l/h         Fuel Cons. at 100% (P.R.P.)       127.0       l/h         Fuel Cons. at 75% (P.R.P.)       95.0       l/h         Fuel Cons. at 50% (P.R.P.)       66.0       l/h         Fuel Cons. at 25% (P.R.P.)       0.0       l/h         Fuel Cons. at 50% (P.R.P.)       0.0       l/h         Fuel Cons. at 50% (P.R.P.)       0.0       l/h         Fuel Cons. at 75% (P.R.P.)       0.0       l/h         Fuel Cons. at 75% (P.R.P.)       95.0       l/h         Fuel Cons. at 75% (P.R.P.)       0.0       l/h         Fuel Cons. at 75% (P.R.P.)       0.0       l/h         Fuel Cons. at 75% (P.R.P.)       0.0       l/h         Fuel Cons. at 75% (P.R.P.) <td>Standard voltage</td> <td>24</td> <td>Vdc</td>	Standard voltage	24	Vdc
### BMEP ### 2087 kPa ### Cooling ### Water ### Cooling ### Water ### Flywheel P.R.P. Power net ### 598.0 kW ### Flywheel E.P. Power net ### 598.0 kW ### Flywheel E.P. Power net ### 598.0 kW ### Fluel Cons. at 100% (E.P.) ### 127.0 l/h ### Fluel Cons. at 100% (P.R.P) ### 127.0 l/h	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         543.0 kW           Flywheel E.P. Power net         598.0 kW           Fuel Cons. at 100% (E.P.)         141.0 l/h           Fuel Cons. at 100% (P.R.P)         127.0 l/h           Fuel Cons. at 75% (P.R.P.)         95.0 l/h           Fuel Cons. at 50% (P.R.P.)         66.0 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         62.0 l           Engine Antifreeze capacity         0.0 l           Radiator type         TR           Heat from radiator         166.0 kW           Heat from exhaust         441.0 kW           Heat from radiation         40.0 kW           Exhaust temperature         481 °C           Portata Raffreddamento         852.0 m³/min           Combustion air flow         43.0 m³/min           TA Luft         N	Sae	0-18	
Flywheel P.R.P. Power net 543.0 kW Flywheel E.P. Power net 598.0 kW Fuel Cons. at 100% (E.P.) 141.0 l/h Fuel Cons. at 100% (P.R.P) 127.0 l/h Fuel Cons. at 75% (P.R.P.) 95.0 l/h Fuel Cons. at 50% (P.R.P.) 66.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 62.0 l/h Electronic regulator Standard Precision class G3 Oil quantity 62.0 l Engine Antifreeze capacity 0.0 l Radiator type TR Heat from radiator 166.0 kW Heat from exhaust 441.0 kW Heat from radiation 40.0 kW Exhaust temperature 481 °C Portata Raffreddamento 852.0 m³/min Combustion air flow 43.0 m³/min Exhaust gas flow 109.0 m³/min TA Luft N	ВМЕР	2087	kPa
Flywheel E.P. Power net 598.0 kW  Fuel Cons. at 100% (E.P.) 141.0 l/h  Fuel Cons. at 100% (P.R.P) 127.0 l/h  Fuel Cons. at 75% (P.R.P.) 95.0 l/h  Fuel Cons. at 50% (P.R.P.) 66.0 l/h  Fuel Cons. at 25% (P.R.P.) 0.0 l/h  Fuel Cons. at 25% (P.R.P.) 85andard  Precision class G3  Oil quantity 62.0 l  Engine Antifreeze capacity 0.0 l  Radiator type TR  Heat from radiator 166.0 kW  Heat from exhaust 441.0 kW  Heat from radiation 40.0 kW  Exhaust temperature 481 °C  Portata Raffreddamento 852.0 m³/min  Combustion air flow 43.0 m³/min  Exhaust gas flow 109.0 m³/min  TA Luft N	Cooling	Water	
Fuel Cons. at 100% (E.P.)       141.0 l/h         Fuel Cons. at 100% (P.R.P)       127.0 l/h         Fuel Cons. at 75% (P.R.P.)       95.0 l/h         Fuel Cons. at 50% (P.R.P.)       66.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       62.0 l         Engine Antifreeze capacity       0.0 l         Radiator type       TR         Heat from radiator       166.0 kW         Heat from exhaust       441.0 kW         Heat from radiation       40.0 kW         Exhaust temperature       481 °C         Portata Raffreddamento       852.0 m³/min         Combustion air flow       43.0 m³/min         Exhaust gas flow       109.0 m³/min         TA Luft       N	Flywheel P.R.P. Power net	543.0	kW
Fuel Cons. at 100% (P.R.P)  Fuel Cons. at 75% (P.R.P.)  Fuel Cons. at 50% (P.R.P.)  Fuel Cons. at 50% (P.R.P.)  Fuel Cons. at 25% (P.R.P.)  Fuel Cons. at 75% (P.R.P.)  Fuel Cons. at 25% (P.R.P.)  Fu	Flywheel E.P. Power net	598.0	kW
Fuel Cons. at 75% (P.R.P.)       95.0 l/h         Fuel Cons. at 50% (P.R.P.)       66.0 l/h         Fuel Cons. at 25% (P.R.P.)       0.0 l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       62.0 l         Engine Antifreeze capacity       0.0 l         Radiator type       TR         Heat from radiator       166.0 kW         Heat from exhaust       441.0 kW         Heat from radiation       40.0 kW         Exhaust temperature       481 °C         Portata Raffreddamento       852.0 m³/min         Combustion air flow       43.0 m³/min         Exhaust gas flow       109.0 m³/min         TA Luft       N	Fuel Cons. at 100% (E.P.)	141.0	l/h
Fuel Cons. at 50% (P.R.P.)         66.0 l/h           Fuel Cons. at 25% (P.R.P.)         0.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         62.0 l           Engine Antifreeze capacity         0.0 l           Radiator type         TR           Heat from radiator         166.0 kW           Heat from exhaust         441.0 kW           Heat from radiation         40.0 kW           Exhaust temperature         481 °C           Portata Raffreddamento         852.0 m³/min           Combustion air flow         43.0 m³/min           Exhaust gas flow         109.0 m³/min           TA Luft         N	Fuel Cons. at 100% (P.R.P)	127.0	l/h
Fuel Cons. at 25% (P.R.P.)  Electronic regulator  Precision class  Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Protata Raffreddamento  Combustion air flow  TA Luft  O 0.0 I  RW  Heat from radiator  166.0 kW  Heat from radiator  441.0 kW  Heat from radiation  40.0 kW  TA Unit N  TA Luft	Fuel Cons. at 75% (P.R.P.)	95.0	l/h
Electronic regulator         Standard           Precision class         G3           Oil quantity         62.0 I           Engine Antifreeze capacity         0.0 I           Radiator type         TR           Heat from radiator         166.0 kW           Heat from exhaust         441.0 kW           Heat from radiation         40.0 kW           Exhaust temperature         481 °C           Portata Raffreddamento         852.0 m³/min           Combustion air flow         43.0 m³/min           Exhaust gas flow         109.0 m³/min           TA Luft         N	Fuel Cons. at 50% (P.R.P.)	66.0	l/h
Precision class         G3           Oil quantity         62.0             Engine Antifreeze capacity         0.0             Radiator type         TR           Heat from radiator         166.0 kW           Heat from exhaust         441.0 kW           Heat from radiation         40.0 kW           Exhaust temperature         481 °C           Portata Raffreddamento         852.0 m³/min           Combustion air flow         43.0 m³/min           Exhaust gas flow         109.0 m³/min           TA Luft         N	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity         62.0 I           Engine Antifreeze capacity         0.0 I           Radiator type         TR           Heat from radiator         166.0 kW           Heat from exhaust         441.0 kW           Heat from radiation         40.0 kW           Exhaust temperature         481 °C           Portata Raffreddamento         852.0 m³/min           Combustion air flow         43.0 m³/min           Exhaust gas flow         109.0 m³/min           TA Luft         N	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  TA Luft  N  TA Luft  O .0  I  A.0  KW  A41.0  KW  A41.0  KW  A41.0  KW  A41.0  A4	Precision class	G3	
Radiator type TR Heat from radiator 166.0 kW Heat from exhaust 441.0 kW Heat from radiation 40.0 kW Exhaust temperature 481 °C Portata Raffreddamento 852.0 m³/min Combustion air flow 43.0 m³/min Exhaust gas flow 109.0 m³/min TA Luft N	Oil quantity	62.0	I
Heat from radiator 166.0 kW Heat from exhaust 441.0 kW Heat from radiation 40.0 kW Exhaust temperature 481 °C Portata Raffreddamento 852.0 m³/min Combustion air flow 43.0 m³/min Exhaust gas flow 109.0 m³/min TA Luft N	Engine Antifreeze capacity	0.0	1
Heat from exhaust 441.0 kW Heat from radiation 40.0 kW Exhaust temperature 481 °C Portata Raffreddamento 852.0 m³/min Combustion air flow 43.0 m³/min Exhaust gas flow 109.0 m³/min TA Luft N	Radiator type	TR	
Heat from radiation 40.0 kW Exhaust temperature 481 °C Portata Raffreddamento 852.0 m³/min Combustion air flow 43.0 m³/min Exhaust gas flow 109.0 m³/min TA Luft N	Heat from radiator	166.0	kW
Exhaust temperature 481 °C  Portata Raffreddamento 852.0 m³/min  Combustion air flow 43.0 m³/min  Exhaust gas flow 109.0 m³/min  TA Luft N	Heat from exhaust	441.0	kW
Portata Raffreddamento 852.0 m³/min Combustion air flow 43.0 m³/min Exhaust gas flow 109.0 m³/min TA Luft N	Heat from radiation	40.0	kW
Combustion air flow 43.0 m³/min Exhaust gas flow 109.0 m³/min TA Luft N	Exhaust temperature	481	°C
Exhaust gas flow 109.0 m³/min TA Luft N	Portata Raffreddamento	852.0	m³/min
TA Luft N	Combustion air flow	43.0	m³/min
··· <del>····</del>	Exhaust gas flow	109.0	m³/min
TA Luft/2 N	TA Luft	N	
	TA Luft/2	N	

MAIN DATA	
Continuous power (PRP)	<b>625.00</b> kVA
Continuous power (PRP)	<b>500.00</b> kW
Emergency power (E.P.)	<b>687.00</b> kVA
Emergency power (E.P.)	<b>549.60</b> kW
VAC - HZ - cos(fi)	208 - 60 - 0.8

DIMENSIONS AND WEIGHT		
Width	1536	mm
Length	3321	mm
Height	2275	mm
Weight	4530	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	HCI5E
P.R.P. Power	681.0 kVA
E.P. Power	738.0 kVA
Connection	Parallel star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1.0 ± %

BASEFRAME	
Model	T3
Standard tank	900 I
Optional tank	0 1
Oversized tank*	0 1

<b>CANOPY &amp; SILENCER</b>	
Canopy model	SENZA COFANO
Silencer model	MS 35
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 obsorbinal. The Consumption is nonlinear and release to Specific Weight 0,50kg/i. Southern 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: 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.

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