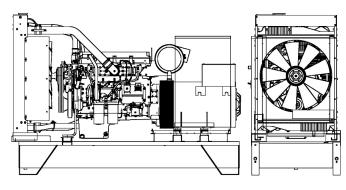


P 500 B





POWERFULL "B"



ENGINE Description PERKINS Engine model 2506A-E15TAG2 Cylinders 6 RPM speed 1500 Cubic capacity 15.20 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae -14 -14 BMEP 2405 kPa Cooling Water -14 Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 55% (P.R.P.) 53.0 l/h Fuel Cons. at 25% (P.R.P.) 53.0 l/h Fuel Cons. at 25% (P.R.P.) 53.0 l/h Fuel Cons. at 25% (P.R.P.) 62.0 l/h Fuel Cons. at 25% (P.R.P.) 53.0 l/h Fuel Cons. at 25% (P.R.P.) 62.0 l/h Fuel Cons. at 25% (P.R.P.) 62.0	For illustrative purposes only		
Engine model 2506A-E15TAG2 Cylinders 6 RPM speed 1500 Cubic capacity 15.20 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae -14 BMEP 2405 kPa Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel P.R.P. Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 I/h Fuel Cons. at 100% (P.R.P.) 100.0 I/h Fuel Cons. at 50% (P.R.P.) 76.0 I/h Fuel Cons. at 25% (P.R.P.) 53.0 I/h Fuel Cons. at 25% (P.R.P.) 0.0 I/h Fuel Cons. at 25% (P.R.P.) 53.0 I/h Fuel Cons. at 25% (P.R.P.) 53.0 I/h Fuel Cons. at 25% (P.R.P.) 53.0 I/h Fuel Cons. at 25% (P.R.P.) 76.0 I/h Fuel Cons. at 25% (P.R.P.) 76.0 I/h Fuel Cons. at 25% (P.R.P.)	ENGINE		
Cylinders 6 RPM speed 1500 Cubic capacity 15.20 Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae -14 BMEP 2405 kPa Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h I/h Fuel Cons. at 100% (P.R.P) 100.0 l/h I/h Fuel Cons. at 55% (P.R.P.) 76.0 l/h I/h Fuel Cons. at 50% (P.R.P.) 53.0 l/h I/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h I/h I/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h I/h I/h <td>Description</td> <td>PERKINS</td> <td></td>	Description	PERKINS	
RPM speed 1500 Cubic capacity 15.20 I Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Vdc Vdc Vdc Vdc Sae -14 Rea Rea Cooling Water Wear Rea Cooling Water Wear Rea Cooling Rea Rea Cooling Rea Rea Cooling Rea	Engine model	2506A-E15TAG2	
Cubic capacity 15.20 I Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Vdc Vdc Sae -14 BMEP 2405 kPa Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 I/h I/h Fuel Cons. at 100% (P.R.P.) 111.0 I/h I/h Fuel Cons. at 75% (P.R.P.) 76.0 I/h I/h Fuel Cons. at 50% (P.R.P.) 53.0 I/h I/h I/h Fuel Cons. at 25% (P.R.P.) 53.0 I/h I/h I/h Fuel Cons. at 25% (P.R.P.) 53.0 I/h	Cylinders	6	
Air intake Turbocharged Standard voltage 24 Vdc Optional voltage Vdc Sae -14 BMEP 2405 kPa Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 50% (P.R.P.) 53.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Flectronic regulator Standard Precision class G3 Oil quantity 62.0 l Engine Antifreeze capacity 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	RPM speed	1500	
Standard voltage 24 Vdc Optional voltage Vdc Sae -14 BMEP 2405 kPa Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 55% (P.R.P.) 53.0 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.) 53.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Flectronic regulator Standard Precision class G3 0 Oil quantity 62.0 l Engine Antifreeze capacity 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C <td>Cubic capacity</td> <td>15.20</td> <td>I</td>	Cubic capacity	15.20	I
Optional voltage Vdc Sae -14 BMEP 2405 kPa Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 25% (P.R.P.) 53.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Fuel Cons. at 25% (P.R.P.) 53.0 l/h Fuel Cons. at 25% (P.R.P.)	Air intake	Turbocharged	
Sae -14 BMEP 2405 kPa Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 50% (P.R.P.) 53.0 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 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Standard voltage	24	Vdc
BMEP 2405 kPa Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 50% (P.R.P.) 53.0 l/h Fuel Cons. at 25% (P.R.P.) 0.0 l/h Flectronic regulator Standard Precision class G3 Oil quantity 62.0 l Engine Antifreeze capacity 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Optional voltage		Vdc
Cooling Water Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 50% (P.R.P.) 53.0 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 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Sae	-14	
Flywheel P.R.P. Power net 435.0 kW Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 50% (P.R.P.) 53.0 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 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	ВМЕР	2405	kPa
Flywheel Stand-by Power net 478.0 kW Fuel Cons. at 100% (L.T.P.) 111.0 l/h Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 50% (P.R.P.) 53.0 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 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Cooling	Water	
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Fuel Cons. at 100% (P.R.P) 100.0 l/h Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 50% (P.R.P.) 53.0 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 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Flywheel Stand-by Power net	478.0	kW
Fuel Cons. at 75% (P.R.P.) 76.0 l/h Fuel Cons. at 50% (P.R.P.) 53.0 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 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Fuel Cons. at 100% (L.T.P.)	111.0	l/h
Fuel Cons. at 50% (P.R.P.) 53.0 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 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Fuel Cons. at 100% (P.R.P)	100.0	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 58.0 l Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Fuel Cons. at 75% (P.R.P.)	76.0	l/h
Electronic regulator Precision class G3 Oil quantity 62.0 Engine Antifreeze capacity Fadiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature TR Exhaust gas flow Standard Fadiator Standard Fadiator	Fuel Cons. at 50% (P.R.P.)	53.0	l/h
Precision class G3 Oil quantity 62.0 I Engine Antifreeze capacity 58.0 I Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Fuel Cons. at 25% (P.R.P.)	0.0	l/h
Oil quantity 62.0 I Engine Antifreeze capacity 58.0 I Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Electronic regulator	Standard	
Engine Antifreeze capacity Radiator type TR Heat from radiator Heat from exhaust Heat from radiation Exhaust temperature TR 147.0 kW 808.0 kW 147.0 kW 147.	Precision class	G3	
Radiator type TR Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Oil quantity	62.0	I
Heat from radiator 147.0 kW Heat from exhaust 308.0 kW Heat from radiation 31.2 kW Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Engine Antifreeze capacity	58.0	1
Heat from exhaust308.0 kWHeat from radiation31.2 kWExhaust temperature550 °CPortata Raffreddamento722.0 m³/minCombustion air flow35.8 m³/minExhaust gas flow94.0 m³/min	Radiator type	TR	
Heat from radiation31.2 kWExhaust temperature550 °CPortata Raffreddamento722.0 m³/minCombustion air flow35.8 m³/minExhaust gas flow94.0 m³/min	Heat from radiator	147.0	kW
Exhaust temperature 550 °C Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Heat from exhaust	308.0	kW
Portata Raffreddamento 722.0 m³/min Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Heat from radiation	31.2	kW
Combustion air flow 35.8 m³/min Exhaust gas flow 94.0 m³/min	Exhaust temperature	550	°C
Exhaust gas flow 94.0 m³/min	Portata Raffreddamento	722.0	m³/min
	Combustion air flow	35.8	m³/min
TA Luft N	Exhaust gas flow	94.0	m³/min
	TA Luft	N	
TA Luft/2 N	TA Luft/2	N	
EPA N	EPA	N	
Stage N	Stage	N	

MAIN DATA		
Continuous power (PRP)	500.00	kVA
Continuous power (PRP)	400.00	kW
Stand-by power (LTP)	550.00	kVA
Stand-by power (LTP)	440.00	kW
VAC - HZ - cos(fi)	380 - 50 - 0.8	

DIMENSIONS AND WEIGHT		
Width	1260	mm
Length	3550	mm
Height	2200	mm
Weight	4180	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	HCI5D
P.R.P. Power	500 kVA
L.T.P. Power	550 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS440
Precision	1 ± %

BASEFRAME	
Model	Т3
Standard tank	900 I
Optional tank	0
Oversized tank*	0

CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 35	
Silencer outlet diameter	168	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.