TECHNICAL DATASHEET P 2000 U

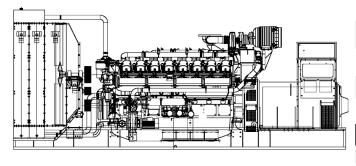


P 2000 U





POWERFULL "U"



 MAIN DATA

 Continuous power (PRP)
 2000.00
 kVA

 Continuous power (PRP)
 1600.00
 kW

 Emergency power (E.P.)
 2250.00
 kVA

 Emergency power (E.P.)
 1800.00
 kW

 VAC - HZ - cos(fi)
 400 - 50 - 0.8
 400 - 50 - 0.8

DIMENSIONS AND WEIGHT

Width	2150	mm
Length	6050	mm
Height	2550	mm
Weight	13720	kg

	ALTERNATOR			
	Description	STAMFORD		
	Alternator model	S7L1D-G		
	P.R.P. Power	2080.0	kVA	
С	E.P. Power	2250.0	kVA	
с	Connection	Star		
	Phases	3FN		
a	Winding	312		
	Terminal Number	6	nr.	
1	IP Protection	23		
1	Electronic regulator	MX341		
	Precision	1.0	± %	
	BASEFRAME			
	Model	ST60		
	Standard tank	0	I	
	Optional tank	0	I	
	Oversized tank*	0	I	
	CANOPY & SILENCER			
	Canopy model	SENZA COFANO		
	Silencer model			
1	Silencer outlet diameter	0.0	mm	
1	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			
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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. F.H. - **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 interv. The output over time must be lower than the percentages set by the Manufacturer. The 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.

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.

For illustrative purposes only

ENGINE

Description	PERKINS	
Engine model	4016-61TRG2	
Cylinders	16	
RPM speed	1500	
Cubic capacity	61.12	
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	00-18	
BMEP	2322	kPa
Cooling	Water	
Flywheel P.R.P. Power net	1684.0	kW
Flywheel E.P. Power net	1895.0	kW
Fuel Cons. at 100% (E.P.)	477.0	l/h
Fuel Cons. at 100% (P.R.P)	422.0	l/h
Fuel Cons. at 75% (P.R.P.)	318.0	l/h
Fuel Cons. at 50% (P.R.P.)	216.0	l/h
Fuel Cons. at 25% (P.R.P.)	116.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	238.0	I
Engine Antifreeze capacity	95.0	I.
Radiator type	TE	
Heat from radiator	1435.0	kW
Heat from exhaust	1380.0	kW
Heat from radiation	139.0	kW
Exhaust temperature	489	°C
Portata Raffreddamento	2082.0	m³/min
Combustion air flow	175.0	m³/min
Exhaust gas flow	490.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

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Visa S.p.A. s.u. is subject to management and coordination of IPG S.p.A., via dei Mercanti 12 - Milano Company registration Office n. 12616930967