TECHNICAL DATASHEET P 2000 U



P 2000 U



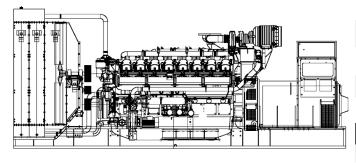


kVA

kW

kVA

POWERFULL "U"



MAIN DATA Continuous power (PRP) 2000.00 Continuous power (PRP) 1600.00 Emergency power (E.P.) 2250.00

Emergency power (E.P.) 1800.00 kW 400 - 50 - 0.8 VAC - HZ - cos(fi)

DIMENSIONS AND WEIGHT

Width	2150	mm
Length	6050	mm
Height	2550	mm
Weight	13920	kg

	4016-61TRG2				
	16		ALTERNATOR		
	1500		Description		
	61.12	I	Alternator model		
	Turbocharged		P.R.P. Power		
je	24	Vdc	E.P. Power		
e		Vdc	Connection		
	00-18		Phases		
	2322	kPa	Winding		
	Water		Terminal Number		
Power net	1684.0	kW	IP Protection		
ower net	1895.0	kW	Electronic regulator		
00% (E.P.)	477.0	l/h	Precision		
00% (P.R.P)	422.0	l/h	BASEFRAME		
5% (P.R.P.)	318.0	l/h	Model		
0% (P.R.P.)	216.0	l/h	Standard tank		
5% (P.R.P.)	116.0	l/h	Optional tank		
ator	Standard		Oversized tank*		
	G3				
	238.0	I	CANOPY & SILENCER		
ze capacity	95.0	I	Canopy model		
	TE		Silencer model		
tor	1435.0	kW	Silencer outlet diameter		
ust	1380.0	kW	Standard reference conditions temperature 25°C, altitu atmospheric pressure 100 kPa (1 bar), power fac		
tion	139.0	kW	distortional. Fuel consumption is nominal and refers power values refer to free field conditions: the install		
rature	489	°C	Dimensions, weights and other specifications conta related attachments are nominal, subject to tolerance equipment; any optional and additional equipm dimensions, performance. P.R.P. Prime Power-Co The power that a genset can supply in continuous ser number of hours per year while respecting the mai		
damento	2082.0	m³/min			
flow	175.0	m³/min			
W	490.0	m³/min	environmental conditions stated by the Manufacturer. power supplied over time and any applicable overload		
	Ν		stated by the Manufacturer. E.P Emergency powe generating set can deliver for a limited number of hou		
	Ν		maintenance frequency stipulated under the env Manufacturer. The number of hours per year is determi		
	Ν		average power output over time must be lower than manufacturer. Overloading is not allowed.		

For illustrative purposes only

ENGINE

LINGINE		
Description	PERKINS	
Engine model	4016-61TRG2	
Cylinders	16	
RPM speed	1500	
Cubic capacity	61.12	1
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	1
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	

Description	MECC ALTE			
Alternator model	ECO46-1L/4			
P.R.P. Power	2100.0	kVA		
E.P. Power	2268.0	kVA		
Connection	Parallel star			
Phases	3FN			
Winding	12_800V			
Terminal Number	12	nr.		
IP Protection	23			
Electronic regulator	DER-1			
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				
Silencer outlet diameter	0.0	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				

to specific weight 0,850kg/l. Sound allation site may influence the values. ined in the technical data sheet and and refer to the model with standard ent/accessories can modify weight, ontinuous power at variable load: vice at a variable load for an unlimited intenance intervals established in the . according to ISO8528-1. The average ad must be less than the percentages er: This is the maximum power that a urs per year while complying with the vironmental conditions set by the nined by the engine manufacturer. The n the percentages set by the engine

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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