TECHNICAL DATASHEET M 1730 U

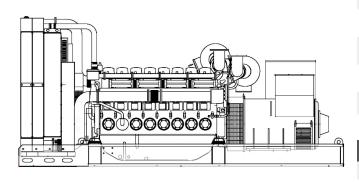
www

kW



M 1730 U

POWERFULL "U"



MAIN DATA Continuous power (PRP) 1730.00 kVA Continuous power (PRP) 1384.00 Emergency power (E.P.) 1873.00 kVA Emergency power (E.P.) 1498.40 kW 415 - 50 - 0.8 VAC - HZ - cos(fi)

DIMENSIONS AND WEIGHT

Width	2002	mm
Length	5247	mm
Height	2503	mm
Weight	12370	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S7L1D-E	
P.R.P. Power	1750.0	kVA
E.P. Power	1873.0	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX341	
Precision	1.0	± %
BASEFRAME		
Model	ST60	
Standard tank	0	
Optional tank	0	1
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	SENZA COFANO	
Silencer model	MS 65	
Silencer outlet diameter	406.0	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 bisortional. Fuel consumption is nonlinear and release to specific weight operations, so the 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 environmental conditions stated by the Manufacturer. according to ISOB328-1. 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.

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The da	ta contained in this document is nominal and refers to the s	standard equipped model and is not binding. \	/isa S.p.A. reserves the
	right to revise the information without notice per our po	licy of continuous product development and ir	nprovement

For illustrative purposes only

ENGINE

Description	MITSUBISHI	
Engine model	S16R-PTA	
Cylinders	16	
RPM speed	1500	
Cubic capacity	65.37	
Air intake	Turbocharged	
Standard voltage	24	Vdc
Optional voltage		Vdc
Sae	00-21	
BMEP	1814	kPa
Cooling	Water	
Flywheel P.R.P. Power net	1480.0	kW
Flywheel E.P. Power net	1620.0	kW
Fuel Cons. at 100% (E.P.)	399.0	l/h
Fuel Cons. at 100% (P.R.P)	354.0	l/h
Fuel Cons. at 75% (P.R.P.)	269.0	l/h
Fuel Cons. at 50% (P.R.P.)	190.0	l/h
Fuel Cons. at 25% (P.R.P.)	108.0	l/h
Electronic regulator	Standard	
Precision class	G3	
Oil quantity	230.0	
Engine Antifreeze capacity	170.0	1
Radiator type	TE	
Heat from radiator	852.0	kW
Heat from exhaust	976.0	kW
Heat from radiation	102.0	kW
Exhaust temperature	0	°C
Portata Raffreddamento	1950.0	m³/min
Combustion air flow	117.0	m³/min
Exhaust gas flow	309.0	m³/min
TA Luft	Ν	
TA Luft/2	Ν	
EPA	Ν	
Stage	Ν	

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