## **TECHNICAL DATASHEET P 1500 S**



P 1500 S

## POWERFULL "S"

For illustrative purposes only

ENGINE



WWW



MAIN DATA	
Continuous power (PRP)	1505.00 kVA
Continuous power (PRP)	1204.00 kW
Emergency power (E.P.)	1656.00 kVA
Emergency power (E.P.)	1324.80 kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	74.0 dBA

## DIMENSIONS AND WEIGHT

Width	2900	mm
Length	9380	mm
Height	3550	mm
Weight	14500	kg

Description	PERKINS		Weight	
Engine model	4012-46TAG2A			
Cylinders	12		ALTERNATOR	
RPM speed	1500		Description	
Cubic capacity	45.84	I	Alternator model	
Air intake	Turbocharged		P.R.P. Power	
Standard voltage	24	Vdc	E.P. Power	
Optional voltage		Vdc	Connection	
Sae	00-18		Phases	
BMEP	2337	kPa	Winding	
Cooling	Water		Terminal Number	
Flywheel P.R.P. Power net	1297.0	kW	IP Protection	
Flywheel E.P. Power net	1425.0	kW	Electronic regulato	
Fuel Cons. at 100% (E.P.)	354.2	l/h	Precision	
Fuel Cons. at 100% (P.R.P)	317.2	l/h	BASEFRAME	
Fuel Cons. at 75% (P.R.P.)	241.5	l/h	Model	
Fuel Cons. at 50% (P.R.P.)	163.4	l/h	Standard tank	
Fuel Cons. at 25% (P.R.P.)	0.0	l/h	Optional tank	
Electronic regulator	Standard		Oversized tank*	
Precision class	G3			
Oil quantity	177.0	1	CANOPY & SIL	
Engine Antifreeze capacity	73.0	1	Canopy model	
Radiator type	TR		Silencer model	
Heat from radiator	393.0	kW	Silencer outlet dian	
Heat from exhaust	1017.8	kW	Standard reference condit atmospheric pressure 10	
Heat from radiation	92.0	kW	distortional. Fuel consum power values refer to free	
Exhaust temperature	0	°C	Dimensions, weights and related attachments are n	
Portata Raffreddamento	1212.0	m³/min	equipment; any optiona dimensions, performance.	
Combustion air flow	116.2	m³/min	The power that a genset c number of hours per yea	
Exhaust gas flow	264.2	m³/min	environmental conditions power supplied over time	
TA Luft	Ν		stated by the Manufacture generating set can deliver	
TA Luft/2	Ν		maintenance frequency Manufacturer. The number	
EPA	Ν		average power output ov manufacturer. Overloading	
Stage	Ν			

Description	STAMFORD	
Alternator model	PI734C	
P.R.P. Power	1550.0	kVA
E.P. Power	1660.0	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	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	C60/08/01	
Silencer model	MSR/a 200	

ilencer outlet diameter 219.0 mm

andard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%. mospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non stortional. Fuel consumption is nominal and refers to specific weight 0,850kg/l. Sound sortional, rule consumption is nonimal and refers to specific weight obsorvables. Sound ower 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 elated attachments are nominal, subject to tolerances and refer to the model with standard quipment; any optional and additional equipment/accessories can modify weight, imensions, performance. **P.R.P. Prime Power-Continuous power at variable load:** imensions, performance. **P.R.P. Prime Power-Continuous power at variable load**: he power that a genset can supply in continuous service at a variable load for an unlimited umber of hours per year while respecting the maintenance intervals established in the nvironmental conditions stated by the Manufacturer. according to ISO8528-1. The average ower supplied over time and any applicable overload must be less than the percentages tated by the Manufacturer. **E.P. - Emergency power**: This is the maximum power that a enerating set can deliver for a limited number of hours per year while complying with the naintenance frequency stipulated under the environmental conditions set by the lanufacturer. The number of hours per year is determined by the engine manufacturer. The verage power output over time must be lower than the percentages set by the engine nanufacturer. 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.

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