

## P 1050 S





## **POWERFULL "S"**



ENGINE           Description         PERKINS           Engine model         4008TAG2A           Cylinders         8           RPM speed         1500           Cubic capacity         30.56         I           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18         BMEP           Cooling         Water         Water           Flywheel P.R.P. Power net         872.0         kW           Flywheel Stand-by Power net         958.0         kW           Fuel Cons. at 100% (L.T.P.)         248.0         I/h           Fuel Cons. at 100% (P.R.P.)         220.0         I/h           Fuel Cons. at 75% (P.R.P.)         160.0         I/h           Fuel Cons. at 25% (P.R.P.)         57.0         I/h           Fuel Cons. at 2			
Engine model         4008TAG2A           Cylinders         8           RPM speed         1500           Cubic capacity         30.56         I           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18         BMEP         2320         kPa           Cooling         Water         W         Flywheel P.R.P. Power net         872.0         kW           Flywheel Stand-by Power net         958.0         kW         Fuel Cons. at 100% (L.T.P.)         248.0         l/h           Fuel Cons. at 100% (P.R.P)         220.0         l/h         I/h         Fuel Cons. at 50% (P.R.P.)         160.0         l/h         I/h         Fuel Cons. at 50% (P.R.P.)         108.0         l/h         I/h         Fuel Cons. at 50% (P.R.P.)         57.0         l/h         I/h         Fuel Cons. at 25% (P.R.P.)         57.0         l/h         I/h         Fuel Cons. at 25% (P.R.P.)         57.0         l/h         I/h         Fuel Cons. at 25% (P.R.P.)         57.0         l/h         I/h         I/h         Fuel Cons. at 25% (P.R.P.)         57.0         l/h         I/h         I/h         I/h         I/h         I/h         I/h	ENGINE		
Cylinders       8         RPM speed       1500         Cubic capacity       30.56         Air intake       Turbocharged         Standard voltage       24       Vdc         Optional voltage       Vdc         Sae       0-18       BMEP       2320       kPa         Cooling       Water       Flywheel P.R.P. Power net       872.0       kW         Flywheel Stand-by Power net       958.0       kW         Fuel Cons. at 100% (L.T.P.)       248.0       l/h         Fuel Cons. at 100% (P.R.P)       220.0       l/h         Fuel Cons. at 50% (P.R.P.)       160.0       l/h         Fuel Cons. at 55% (P.R.P.)       57.0       l/h         Fuel Cons. at 25% (P.R.P.)       57.0       l/h         Fuel Cons. at 75% (P.R.P	Description	PERKINS	
RPM speed         1500           Cubic capacity         30.56         I           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18         BMEP         2320         kPa           Cooling          Water         Flywheel P.R.P. Power net         872.0         kW           Flywheel Stand-by Power net         958.0         kW           Fuel Cons. at 100% (L.T.P.)         248.0         I/h           Fuel Cons. at 100% (P.R.P)         220.0         I/h           Fuel Cons. at 50% (P.R.P.)         160.0         I/h           Fuel Cons. at 25% (P.R.P.)         57.0         I/h           Fuel Cons. at 75% (P.R.P.)         57.0         I/h           Fuel Cons. at 75% (P.R.P.)         57.0	Engine model	4008TAG2A	
Cubic capacity         30.56         I           Air intake         Turbocharged           Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18         Vac           BMEP         2320         kPa           Cooling         Water         Flywheel P.R.P. Power net         872.0         kW           Flywheel Stand-by Power net         958.0         kW           Fuel Cons. at 100% (L.T.P.)         248.0         I/h           Fuel Cons. at 100% (P.R.P)         220.0         I/h           Fuel Cons. at 75% (P.R.P.)         160.0         I/h           Fuel Cons. at 50% (P.R.P.)         108.0         I/h           Fuel Cons. at 25% (P.R.P.)         57.0         I/h           Fuel Cons. at 50% (P.R.P.)         57.0         I/h           Fuel Cons. at 50% (P.R.P.)         57.0         I/h	Cylinders	8	
Air intake         Turbocharged           Standard voltage         24 Vdc           Optional voltage         Vdc           Sae         0-18           BMEP         2320 kPa           Cooling         Water           Flywheel P.R.P. Power net         872.0 kW           Flywheel Stand-by Power net         958.0 kW           Fuel Cons. at 100% (L.T.P.)         248.0 l/h           Fuel Cons. at 100% (P.R.P)         220.0 l/h           Fuel Cons. at 75% (P.R.P.)         160.0 l/h           Fuel Cons. at 50% (P.R.P.)         108.0 l/h           Fuel Cons. at 25% (P.R.P.)         57.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         165.6 l           Engine Antifreeze capacity         48.0 l           Radiator type         TE           Heat from radiator         332.0 kW           Heat from radiation         80.0 kW           Exhaust temperature         438 °C           Portata Raffreddamento         1095.0 m³/min           Combustion air flow         75.0 m³/min           Exhaust gas flow         200.0 m³/min           TA Luft         N	RPM speed	1500	
Standard voltage         24         Vdc           Optional voltage         Vdc           Sae         0-18           BMEP         2320         kPa           Cooling         Water           Flywheel P.R.P. Power net         872.0         kW           Flywheel Stand-by Power net         958.0         kW           Fuel Cons. at 100% (L.T.P.)         248.0         l/h           Fuel Cons. at 100% (P.R.P)         220.0         l/h           Fuel Cons. at 75% (P.R.P.)         160.0         l/h           Fuel Cons. at 50% (P.R.P.)         108.0         l/h           Fuel Cons. at 25% (P.R.P.)         57.0         l/h           Fuel Cons. at 25% (P.R.P.)         57.0         l/h           Flectronic regulator         Standard           Precision class         G3         G3           Oil quantity         165.6         l           Engine Antifreeze capacity         48.0         l           Radiator type         TE           Heat from radiator         332.0         kW           Heat from radiation         80.0         kW           Exhaust temperature         438         °C           Portata Raffreddamento         1095.0	Cubic capacity	30.56	I
Optional voltage         Vdc           Sae         0-18           BMEP         2320 kPa           Cooling         Water           Flywheel P.R.P. Power net         872.0 kW           Flywheel Stand-by Power net         958.0 kW           Fuel Cons. at 100% (L.T.P.)         248.0 l/h           Fuel Cons. at 100% (P.R.P)         220.0 l/h           Fuel Cons. at 75% (P.R.P.)         160.0 l/h           Fuel Cons. at 50% (P.R.P.)         57.0 l/h           Fuel Cons. at 25% (P.R.P.)         57.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         165.6 l           Engine Antifreeze capacity         48.0 l           Radiator type         TE           Heat from radiator         332.0 kW           Heat from exhaust         698.0 kW           Heat from radiation         80.0 kW           Exhaust temperature         438 °C           Portata Raffreddamento         1095.0 m³/min           Combustion air flow         75.0 m³/min           Exhaust gas flow         200.0 m³/min           TA Luft         N	Air intake	Turbocharged	
Sae         0-18           BMEP         2320         kPa           Cooling         Water         Flywheel           Flywheel P.R.P. Power net         872.0         kW           Flywheel Stand-by Power net         958.0         kW           Fuel Cons. at 100% (L.T.P.)         248.0         l/h           Fuel Cons. at 100% (P.R.P)         220.0         l/h           Fuel Cons. at 75% (P.R.P.)         160.0         l/h           Fuel Cons. at 50% (P.R.P.)         57.0         l/h           Fuel Cons. at 25% (P.R.P.)         57.0         l/h           Electronic regulator         Standard           Precision class         G3         G3           Oil quantity         165.6         I           Engine Antifreeze capacity         48.0         I           Radiator type         TE           Heat from radiator         332.0         kW           Heat from radiation         80.0         kW           Heat from radiation         80.0         kW           Exhaust temperature         438         °C           Portata Raffreddamento         1095.0         m³/min           Exhaust gas flow         200.0         m³/min	Standard voltage	24	Vdc
BMEP         2320 kPa           Cooling         Water           Flywheel P.R.P. Power net         872.0 kW           Flywheel Stand-by Power net         958.0 kW           Fuel Cons. at 100% (L.T.P.)         248.0 l/h           Fuel Cons. at 100% (P.R.P)         220.0 l/h           Fuel Cons. at 75% (P.R.P.)         160.0 l/h           Fuel Cons. at 50% (P.R.P.)         108.0 l/h           Fuel Cons. at 25% (P.R.P.)         57.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         165.6 l           Engine Antifreeze capacity         48.0 l           Radiator type         TE           Heat from radiator         332.0 kW           Heat from exhaust         698.0 kW           Heat from radiation         80.0 kW           Exhaust temperature         438 °C           Portata Raffreddamento         1095.0 m³/min           Combustion air flow         75.0 m³/min           Exhaust gas flow         200.0 m³/min           TA Luft         N           TA Luft/2         N	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         872.0 kW           Flywheel Stand-by Power net         958.0 kW           Fuel Cons. at 100% (L.T.P.)         248.0 l/h           Fuel Cons. at 100% (P.R.P)         220.0 l/h           Fuel Cons. at 75% (P.R.P.)         160.0 l/h           Fuel Cons. at 50% (P.R.P.)         108.0 l/h           Fuel Cons. at 25% (P.R.P.)         57.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         165.6 l           Engine Antifreeze capacity         48.0 l           Radiator type         TE           Heat from radiator         332.0 kW           Heat from exhaust         698.0 kW           Heat from radiation         80.0 kW           Exhaust temperature         438 °C           Portata Raffreddamento         1095.0 m³/min           Combustion air flow         75.0 m³/min           Exhaust gas flow         200.0 m³/min           TA Luft/2         N	Sae	0-18	
Flywheel P.R.P. Power net         872.0 kW           Flywheel Stand-by Power net         958.0 kW           Fuel Cons. at 100% (L.T.P.)         248.0 l/h           Fuel Cons. at 100% (P.R.P)         220.0 l/h           Fuel Cons. at 75% (P.R.P.)         160.0 l/h           Fuel Cons. at 50% (P.R.P.)         108.0 l/h           Fuel Cons. at 25% (P.R.P.)         57.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         165.6 l           Engine Antifreeze capacity         48.0 l           Radiator type         TE           Heat from radiator         332.0 kW           Heat from exhaust         698.0 kW           Heat from radiation         80.0 kW           Exhaust temperature         438 °C           Portata Raffreddamento         1095.0 m³/min           Combustion air flow         75.0 m³/min           Exhaust gas flow         200.0 m³/min           TA Luft/2         N	BMEP	2320	kPa
Flywheel Stand-by Power net         958.0 kW           Fuel Cons. at 100% (L.T.P.)         248.0 l/h           Fuel Cons. at 100% (P.R.P)         220.0 l/h           Fuel Cons. at 75% (P.R.P.)         160.0 l/h           Fuel Cons. at 50% (P.R.P.)         108.0 l/h           Fuel Cons. at 25% (P.R.P.)         57.0 l/h           Fuel Cons. at 25% (P.R.P.)         57.0 l/h           Electronic regulator         Standard           Precision class         G3           Oil quantity         165.6 l           Engine Antifreeze capacity         48.0 l           Radiator type         TE           Heat from radiator         332.0 kW           Heat from exhaust         698.0 kW           Heat from radiation         80.0 kW           Exhaust temperature         438 °C           Portata Raffreddamento         1095.0 m³/min           Combustion air flow         75.0 m³/min           Exhaust gas flow         200.0 m³/min           TA Luft         N           TA Luft/2         N	Cooling	Water	
Fuel Cons. at 100% (L.T.P.)       248.0 l/h         Fuel Cons. at 100% (P.R.P)       220.0 l/h         Fuel Cons. at 75% (P.R.P.)       160.0 l/h         Fuel Cons. at 50% (P.R.P.)       108.0 l/h         Fuel Cons. at 25% (P.R.P.)       57.0 l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       165.6 l         Engine Antifreeze capacity       48.0 l         Radiator type       TE         Heat from radiator       332.0 kW         Heat from exhaust       698.0 kW         Heat from radiation       80.0 kW         Exhaust temperature       438 °C         Portata Raffreddamento       1095.0 m³/min         Combustion air flow       75.0 m³/min         Exhaust gas flow       200.0 m³/min         TA Luft       N         TA Luft/2       N	Flywheel P.R.P. Power net	872.0	kW
Fuel Cons. at 100% (P.R.P)       220.0 l/h         Fuel Cons. at 75% (P.R.P.)       160.0 l/h         Fuel Cons. at 50% (P.R.P.)       108.0 l/h         Fuel Cons. at 25% (P.R.P.)       57.0 l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       165.6 l         Engine Antifreeze capacity       48.0 l         Radiator type       TE         Heat from radiator       332.0 kW         Heat from exhaust       698.0 kW         Heat from radiation       80.0 kW         Exhaust temperature       438 °C         Portata Raffreddamento       1095.0 m³/min         Combustion air flow       75.0 m³/min         Exhaust gas flow       200.0 m³/min         TA Luft       N         TA Luft/2       N	Flywheel Stand-by Power net	958.0	kW
Fuel Cons. at 75% (P.R.P.)       160.0 l/h         Fuel Cons. at 50% (P.R.P.)       108.0 l/h         Fuel Cons. at 25% (P.R.P.)       57.0 l/h         Electronic regulator       Standard         Precision class       G3         Oil quantity       165.6 l         Engine Antifreeze capacity       48.0 l         Radiator type       TE         Heat from radiator       332.0 kW         Heat from exhaust       698.0 kW         Exhaust temperature       438 °C         Portata Raffreddamento       1095.0 m³/min         Combustion air flow       75.0 m³/min         Exhaust gas flow       200.0 m³/min         TA Luft       N         TA Luft/2       N	Fuel Cons. at 100% (L.T.P.)	248.0	l/h
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Electronic regulator  Precision class  Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Protata Raffreddamento  Combustion air flow  TA Luft/2  Standard  A38  G3  OI  48.0  I  698.0  kW  698.0  kW  Exhaust temperature  438  C  Portata Raffreddamento  1095.0  m³/min  75.0  m³/min  N  TA Luft/2  N	Fuel Cons. at 50% (P.R.P.)	108.0	l/h
Precision class  G3  Oil quantity  Engine Antifreeze capacity  Radiator type  TE  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  TA Luft  TA Luft/2  Radiator type  TE  TE  Heat from radiator  332.0 kW  Heat from exhaust  698.0 kW  Exhaust temperature  438 °C  Portata Raffreddamento  1095.0 m³/min  75.0 m³/min	Fuel Cons. at 25% (P.R.P.)	57.0	l/h
Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  TA Luft  TA Luft/2  165.6  I  165.6  I  165.6  I  165.6  I  180.0  I  80.0  I  80	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TE  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  TA Luft  TA Luft/2  TA Luft/2  TE  48.0 I  A8.0 kW  A98.0 kW  A	Precision class	G3	
Radiator type TE Heat from radiator 332.0 kW Heat from exhaust 698.0 kW Heat from radiation 80.0 kW Exhaust temperature 438 °C Portata Raffreddamento 1095.0 m³/min Combustion air flow 75.0 m³/min Exhaust gas flow 200.0 m³/min TA Luft N TA Luft/2 N	Oil quantity	165.6	I
Heat from radiator 332.0 kW Heat from exhaust 698.0 kW Heat from radiation 80.0 kW Exhaust temperature 438 °C Portata Raffreddamento 1095.0 m³/min Combustion air flow 75.0 m³/min Exhaust gas flow 200.0 m³/min TA Luft N TA Luft/2 N	Engine Antifreeze capacity	48.0	I
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Heat from radiation 80.0 kW  Exhaust temperature 438 °C  Portata Raffreddamento 1095.0 m³/min  Combustion air flow 75.0 m³/min  Exhaust gas flow 200.0 m³/min  TA Luft N  TA Luft/2 N	Heat from radiator	332.0	kW
Exhaust temperature 438 °C  Portata Raffreddamento 1095.0 m³/min  Combustion air flow 75.0 m³/min  Exhaust gas flow 200.0 m³/min  TA Luft N  TA Luft/2 N	Heat from exhaust	698.0	kW
Portata Raffreddamento 1095.0 m³/min  Combustion air flow 75.0 m³/min  Exhaust gas flow 200.0 m³/min  TA Luft N  TA Luft/2 N	Heat from radiation	80.0	kW
Combustion air flow 75.0 m³/min Exhaust gas flow 200.0 m³/min TA Luft N TA Luft/2 N	Exhaust temperature	438	°C
Exhaust gas flow 200.0 m³/min TA Luft N TA Luft/2 N	Portata Raffreddamento	1095.0	m³/min
TA Luft N TA Luft/2 N	Combustion air flow	75.0	m³/min
TA Luft/2 N	Exhaust gas flow	200.0	m³/min
•	TA Luft	N	
EPA N	TA Luft/2	N	
	EPA	N	
Stage N	Stage	N	

MAIN DATA		
Continuous power (PRP)	1000.00	kVA
Continuous power (PRP)	800.00	kW
Stand-by power (LTP)	1100.00	kVA
Stand-by power (LTP)	880.00	kW
VAC - HZ - cos(fi)	380 - 50 - 0.8	
Sound pressure 7 m.	70	dBA

DIMENSIONS AND WEIGHT		
Width	2200	mm
Length	8600	mm
Height	3200	mm
Weight	11450	kg

ALTERNATOR		
Description	STAMFORD	
Alternator model	S6L1D-E	
P.R.P. Power	1000	kVA
L.T.P. Power	1100	kVA
Connection	Star	
Phases	3FN	
Winding	312	
Terminal Number	6	nr.
IP Protection	23	
Electronic regulator	MX322	
Precision	0.5	± %

BASEFRAME	
Model	ST60
Standard tank	0 1
Optional tank	0 1
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	C60/05	
Silencer model	MSR/a 150	
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.