## **TECHNICAL DATASHEET**



## **CRICKET - P 30 CK**

Length

Height

Weight





1980 mm

1200 mm

1020 kg

## CRICKET "CK"



For illustrative purposes only

Engine model         PERKINS           Engine model         1103A-33G           Cylinders         3           Speed         1500         r.p.m.           Cubic capacity         3.30         I           Air intake         Aspirated         Standard voltage         12         Vdc           Sae         3-11½         W         Standard voltage         12         Vdc         Standard voltage         12         Vdc         Standard voltage         12         Vdc         Standard voltage         12         Vdc         Standard voltage         Standard voltage         12         Vh         Full         Vh         Full         Vh         Full         Vh         Pull         Vh         Full	ENGINE		
Engine model         1103A-33G           Cylinders         3           Speed         1500         r.p.m.           Cubic capacity         3.30         I           Air intake         Aspirated         Standard voltage         12         Vdc           Sae         3-11½         Standard voltage         14         Wd         Standard voltage         14         Wd         Standard voltage         14         Vh         Standard voltage         14         Vh         Standard voltage         14         Vh         Standard voltage         Vh         Standard voltage         14         Vh         Standard voltage         Vh         Standard voltage         Not voltage         Vh         Standard voltage         Vh		DEDVINC	
Cylinders         3           Speed         1500 r.p.m.           Cubic capacity         3.30 l           Air intake         Aspirated           Standard voltage         12 Vdc           Sae         3-11½           BMEP         684 kPa           Cooling         Water           Flywheel P.R.P. Power         27.7 kW           Flywheel Stand-by Power         30.4 kW           Fuel Cons. at 100% (L.T.P.)         7.9 l/h           Fuel Cons. at 100% (P.R.P)         7.1 l/h           Fuel Cons. at 75% (P.R.P.)         5.4 l/h           Fuel Cons. at 50% (P.R.P.)         3.9 l/h           Fuel Cons. at 25% (P.R.P.)         2.5 l/h           Flectronic regulator         On request           Precision class         G2           Oil quantity         8.3 l           Engine Antifreeze capacity         4.4 l           Radiator type         Tropical           Heat from radiator         16.0 kW           Heat from radiation         5.0 kW           Exhaust temperature         500 °C           Cooling air flow         53.00 m³/min           Combustion air flow         5.70 m³/min           Exhaust gas flow         5.70 m³/min </td <td>3</td> <td></td> <td></td>	3		
Speed         1500         r.p.m.           Cubic capacity         3.30         I           Air intake         Aspirated           Standard voltage         12         Vdc           Sae         3-11½         BMEP         684         kPa           Cooling         Water         Flywheel P.R.P. Power         27.7         kW           Flywheel Stand-by Power         30.4         kW           Fuel Cons. at 100% (L.T.P.)         7.9         l/h           Fuel Cons. at 100% (P.R.P.)         7.1         l/h           Fuel Cons. at 5% (P.R.P.)         5.4         l/h           Fuel Cons. at 25% (P.R.P.)         2.5         l/h           Fuel Cons. at 25% (P.R.P.)         2.5         l/h           Fuel Cons. at 25% (P.R.P.)         3.9         l/h           Fuel Cons. at 25% (P.R.P.)         3.9         l/h           Fuel Cons. at 25% (P.R.P.)         2.5         l/h           Fleatronic regulator         On request           Precision class         G2           Oil quantity         8.3         I           Engine Antifreeze capacity         4.4         I           Radiator type         Tropical           Heat from radiator			
Cubic capacity       3.30 I         Air intake       Aspirated         Standard voltage       12 Vdc         Sae       3-11½         BMEP       684 kPa         Cooling       Water         Flywheel P.R.P. Power       27.7 kW         Flywheel Stand-by Power       30.4 kW         Fuel Cons. at 100% (L.T.P.)       7.9 l/h         Fuel Cons. at 100% (P.R.P)       7.1 l/h         Fuel Cons. at 55% (P.R.P.)       5.4 l/h         Fuel Cons. at 25% (P.R.P.)       3.9 l/h         Fuel Cons. at 25% (P.R.P.)       2.5 l/h         Fuel Cons. at 25% (P.R.P.)       3.9 l/h         Fuel Cons. at 100% (P.R.P.)       3.9 l/h         Fuel Cons. at 25% (P.R.P.)       3.9 l/h         Fuel Cons. at 100% (P.R.P.)       4 l/h         Fuel Cons. at 100% (P.R.	,		w 10 100
Air intake	,		•
Standard voltage       12       Vdc         Sae       3-11½       BMEP       684       kPa         Cooling       Water       Flywheel P.R.P. Power       27.7       kW         Flywheel Stand-by Power       30.4       kW         Fuel Cons. at 100% (L.T.P.)       7.9       l/h         Fuel Cons. at 100% (P.R.P)       7.1       l/h         Fuel Cons. at 75% (P.R.P.)       3.9       l/h         Fuel Cons. at 50% (P.R.P.)       3.9       l/h         Fuel Cons. at 25% (P.R.P.)       2.5       l/h         Flectronic regulator       On request         Precision class       G2       Oli quantity       8.3       l         Engine Antifreeze capacity       4.4       l       l         Radiator type       Tropical       Heat from radiator       16.0       kW         Heat from exhaust       22.0       kW         Heat from radiation       5.0       kW         Exhaust temperature       500       °C         Cooling air flow       53.00       m³/min         Exhaust gas flow       5.70       m³/min         Exhaust gas flow       5.70       m³/min         TA Luft       Not available      <	, ,		ı
Sae       3-11½         BMEP       684       kPa         Cooling       Water         Flywheel P.R.P. Power       27.7       kW         Flywheel Stand-by Power       30.4       kW         Fuel Cons. at 100% (L.T.P.)       7.9       l/h         Fuel Cons. at 100% (P.R.P)       7.1       l/h         Fuel Cons. at 75% (P.R.P.)       5.4       l/h         Fuel Cons. at 50% (P.R.P.)       3.9       l/h         Fuel Cons. at 25% (P.R.P.)       2.5       l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       8.3       l         Engine Antifreeze capacity       4.4       l         Radiator type       Tropical         Heat from radiator       16.0       kW         Heat from exhaust       22.0       kW         Heat from radiation       5.0       kW         Exhaust temperature       500       °C         Cooling air flow       53.00       m³/min         Exhaust gas flow       5.70       m³/min         TA Luft       Not available         EPA       Not available			\ / L
BMEP       684       kPa         Cooling       Water       Water         Flywheel P.R.P. Power       27.7       kW         Flywheel Stand-by Power       30.4       kW         Fuel Cons. at 100% (L.T.P.)       7.9       I/h         Fuel Cons. at 100% (P.R.P)       7.1       I/h         Fuel Cons. at 75% (P.R.P.)       5.4       I/h         Fuel Cons. at 25% (P.R.P.)       3.9       I/h         Fuel Cons. at 25% (P.R.P.)       2.5       I/h         Electronic regulator       On request         Precision class       G2         Oil quantity       8.3       I         Engine Antifreeze capacity       4.4       I         Radiator type       Tropical         Heat from radiator       16.0       kW         Heat from exhaust       22.0       kW         Heat from radiation       5.0       kW         Exhaust temperature       500       °C         Cooling air flow       53.00       m³/min         Exhaust gas flow       5.70       m³/min         TA Luft       Not available         TA Luft/2       Not available			vac
Cooling Flywheel P.R.P. Power Flywheel Stand-by Power Flywheel Stand-by Power Flywheel Stand-by Power Fluel Cons. at 100% (L.T.P.) Fuel Cons. at 100% (P.R.P) Fuel Cons. at 50% (P.R.P.) Fuel Cons. at 55% (P.R.P.) Fuel Cons. at 55% (P.R.P.) Fuel Cons. at 25% (P.R.P.) Fuel Cons. at 100% (P.R.P.) Fuel Cons. a		0 22,1	
Flywheel P.R.P. Power         27.7 kW           Flywheel Stand-by Power         30.4 kW           Fuel Cons. at 100% (L.T.P.)         7.9 l/h           Fuel Cons. at 100% (P.R.P)         7.1 l/h           Fuel Cons. at 75% (P.R.P.)         5.4 l/h           Fuel Cons. at 50% (P.R.P.)         3.9 l/h           Fuel Cons. at 25% (P.R.P.)         2.5 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         8.3 l           Engine Antifreeze capacity         4.4 l           Radiator type         Tropical           Heat from radiator         16.0 kW           Heat from exhaust         22.0 kW           Heat from radiation         5.0 kW           Exhaust temperature         500 °C           Cooling air flow         53.00 m³/min           Combustion air flow         2.16 m³/min           Exhaust gas flow         5.70 m³/min           TA Luft         Not available           TA Luft/2         Not available			kPa
Flywheel Stand-by Power  Fuel Cons. at 100% (L.T.P.)  Fuel Cons. at 100% (P.R.P)  Fuel Cons. at 75% (P.R.P.)  Fuel Cons. at 50% (P.R.P.)  Fuel Cons. at 55% (P.R.P.)  Fuel Cons. at 25% (P.R.P.)  Fuel Cons. at 75% (P.R.P.)  Fuel Cons. at 100% (P.R.P.)  Fuel Cons. at 75% (P.R.P.)  Fuel Cons. at 100% (P.R.P.)  Fuel Cons. at 75% (P.R.	<u> </u>		
Fuel Cons. at 100% (L.T.P.)       7.9 l/h         Fuel Cons. at 100% (P.R.P)       7.1 l/h         Fuel Cons. at 75% (P.R.P.)       5.4 l/h         Fuel Cons. at 50% (P.R.P.)       3.9 l/h         Fuel Cons. at 25% (P.R.P.)       2.5 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       8.3 l         Engine Antifreeze capacity       4.4 l         Radiator type       Tropical         Heat from radiator       16.0 kW         Heat from exhaust       22.0 kW         Heat from radiation       5.0 kW         Exhaust temperature       500 °C         Cooling air flow       53.00 m³/min         Combustion air flow       2.16 m³/min         Exhaust gas flow       5.70 m³/min         TA Luft       Not available         TA Luft/2       Not available         EPA       Not available			
Fuel Cons. at 100% (P.R.P)       7.1 l/h         Fuel Cons. at 75% (P.R.P.)       5.4 l/h         Fuel Cons. at 50% (P.R.P.)       3.9 l/h         Fuel Cons. at 25% (P.R.P.)       2.5 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       8.3 l         Engine Antifreeze capacity       4.4 l         Radiator type       Tropical         Heat from radiator       16.0 kW         Heat from exhaust       22.0 kW         Heat from radiation       5.0 kW         Exhaust temperature       500 °C         Cooling air flow       53.00 m³/min         Combustion air flow       2.16 m³/min         Exhaust gas flow       5.70 m³/min         TA Luft       Not available         TA Luft/2       Not available         EPA       Not available	Flywheel Stand-by Power	30.4	kW
Fuel Cons. at 75% (P.R.P.)  Fuel Cons. at 50% (P.R.P.)  Fuel Cons. at 25% (P.R.P.)  Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Cooling air flow  Combustion air flow  TA Luft  Not available  EPA  Not available  Full Cons. at 75% (P.R.P.)  5.4 I/h  Fuel Cons. at 50% (P.R.P.)  3.9 I/h  Fuh  R. 4.4 I  Con request  Precision class  G2  Oil quantity  8.3 I  Fropical  Heat from radiator  16.0 kW  Heat from radiator  5.0 kW  Exhaust temperature  500 °C  Cooling air flow  5.70 m³/min  TA Luft  Not available  EPA  Not available	Fuel Cons. at 100% (L.T.P.)	7.9	l/h
Fuel Cons. at 50% (P.R.P.)  Fuel Cons. at 25% (P.R.P.)  Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Cooling air flow  Exhaust gas flow  TA Luft  Not available  EPA  Not available  Fuel Cons. at 50% (P.R.P.)  3.9 I/h  8.9 I/	Fuel Cons. at 100% (P.R.P)	7.1	l/h
Fuel Cons. at 25% (P.R.P.)  Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Cooling air flow  Combustion air flow  TA Luft  Not available  EPA  On request  On request  At I  Auft  Auft  Auft  On request  Auft  Auft  Auft  Not available  FA Luft/2  Not available  FA Luft/2  Not available	Fuel Cons. at 75% (P.R.P.)	5.4	l/h
Electronic regulator  Precision class  G2  Oil quantity  8.3  Engine Antifreeze capacity  4.4  Radiator type  Tropical  Heat from radiator  Heat from exhaust  Exhaust temperature  Cooling air flow  Combustion air flow  TA Luft  TA Luft  Not available  EPA  Not available  TA Luft/2  Not available  TA Luft/2  Not available	Fuel Cons. at 50% (P.R.P.)	3.9	l/h
Precision class  G2  Oil quantity  8.3   Engine Antifreeze capacity  4.4   Radiator type  Tropical  Heat from radiator  Heat from exhaust  22.0 kW  Heat from radiation  5.0 kW  Exhaust temperature  500 °C  Cooling air flow  53.00 m³/min  Combustion air flow  2.16 m³/min  Exhaust gas flow  TA Luft  Not available  TA Luft/2  Not available  EPA  Not available	Fuel Cons. at 25% (P.R.P.)	2.5	l/h
Oil quantity  Engine Antifreeze capacity  Radiator type  Tropical  Heat from radiator  Heat from exhaust  Exhaust temperature  Cooling air flow  Combustion air flow  TA Luft  TA Luft  Padiator  16.0 kW  Exhaust  22.0 kW  Exhaust  500 °C  Cool m³/min  53.00 m³/min  53.00 m³/min  TA Luft  Not available  TA Luft/2  Not available  EPA  Not available	Electronic regulator	On request	
Engine Antifreeze capacity  Radiator type Tropical  Heat from radiator Heat from exhaust Text and some some some some some some some some	Precision class	G2	
Radiator type  Heat from radiator  Heat from exhaust  Heat from exhaust  Exhaust temperature  Cooling air flow  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft  Not available  EPA  Text  Text  Tropical  RW  EW  AW  Topical  Topic	Oil quantity	8.3	I
Heat from radiator 16.0 kW Heat from exhaust 22.0 kW Heat from radiation 5.0 kW Exhaust temperature 500 °C Cooling air flow 53.00 m³/min Combustion air flow 2.16 m³/min Exhaust gas flow 5.70 m³/min TA Luft Not available TA Luft/2 Not available EPA Not available	Engine Antifreeze capacity	4.4	I
Heat from exhaust 22.0 kW  Heat from radiation 5.0 kW  Exhaust temperature 500 °C  Cooling air flow 53.00 m³/min  Combustion air flow 2.16 m³/min  Exhaust gas flow 5.70 m³/min  TA Luft Not available  TA Luft/2 Not available  EPA Not available	Radiator type	Tropical	
Heat from radiation 5.0 kW  Exhaust temperature 500 °C  Cooling air flow 53.00 m³/min  Combustion air flow 2.16 m³/min  Exhaust gas flow 5.70 m³/min  TA Luft Not available  TA Luft/2 Not available  EPA Not available	Heat from radiator	16.0	kW
Exhaust temperature 500 °C  Cooling air flow 53.00 m³/min  Combustion air flow 2.16 m³/min  Exhaust gas flow 5.70 m³/min  TA Luft Not available  TA Luft/2 Not available  EPA Not available	Heat from exhaust	22.0	kW
Cooling air flow 53.00 m³/min Combustion air flow 2.16 m³/min Exhaust gas flow 5.70 m³/min TA Luft Not available TA Luft/2 Not available EPA Not available	Heat from radiation	5.0	kW
Combustion air flow 2.16 m³/min  Exhaust gas flow 5.70 m³/min  TA Luft Not available  TA Luft/2 Not available  EPA Not available	Exhaust temperature	500	°C
Exhaust gas flow 5.70 m³/min TA Luft Not available TA Luft/2 Not available EPA Not available	Cooling air flow	53.00	m³/min
TA Luft Not available TA Luft/2 Not available EPA Not available	Combustion air flow	2.16	m³/min
TA Luft Not available TA Luft/2 Not available EPA Not available	Exhaust gas flow	5.70	m³/min
EPA Not available		Not available	
EPA Not available	TA Luft/2	Not available	
		Not available	
	Stage		

MAIN DATA	
Continuous power (PRP)	30.0 (kVA)
Continuous power (PRP)	24.0 (kW)
Stand-by power (LTP)	33.0 (kVA)
Stand-by power (LTP)	26.4 (kW)
Voltage • Frequency • Power Factor	400V •50Hz • 0.8 cosφ
DIMENSIONS AND WEIGHT	
Width	924 mm

ALTERNATOR		
Alternator brand	STAMFORD	
Alternator model	S0L2-P	
P.R.P. Power	30.0	kVA
L.T.P. Power	33.0	kVA
Connection	Series star	
Phases	3PH+N	
Winding	12 terminals Winding 311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1.0	± %
BASEFRAME		
Model	CK20	
Standard tank	90	I
Optional tank	0	I
Oversized tank*	0	I
CANOPY & SILENCER		
Canopy model	CK20	
Silencer model	F60/00	
Silencer outlet diameter	60.0	mm
Standard reference conditions temperature 25°C, altitud atmospheric pressure 100 kPa (1 bar), power facts distortional. Fuel consumption is nominal and refers to prove values refers to free field conditions.	or 0.8 lag, balanced o specific weight 0,85	load - non 0kg/l. Sound

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

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. Overload is not permitted.