

## **P 65 CK**





## CRICKET "CK"



For	illustrative	nurnoses	only

Description         PERKINS           Engine model         1103A-33TG2           Cylinders         3           RPM speed         1500           Cubic capacity         3.30           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         1333         kPa           Cooling         Water         Flywheel P.R.P. Power net         53.8         kW           Flywheel Stand-by Power net         59.3         kW           Fuel Cons. at 100% (L.T.P.)         15.9         l/h           Fuel Cons. at 100% (P.R.P)         14.6         l/h           Fuel Cons. at 75% (P.R.P.)         7.6         l/h           Fuel Cons. at 25% (P.R.P.)         7.6         l/h           Fuel Cons. at 50% (P.R.P.)         7.6         l/h           Fuel Cons. at 50% (P.R.P.)         7.6         l/h	ENGINE		
Engine model 1103A-33TG2  Cylinders 3  RPM speed 1500  Cubic capacity 3.30    Air intake Turbocharged  Standard voltage 12 Vdc  Optional voltage 24 Vdc  Sae 3-11  BMEP 1333 kPa  Cooling Water  Flywheel P.R.P. Power net 53.8 kW  Flywheel Stand-by Power net 59.3 kW  Fuel Cons. at 100% (L.T.P.) 15.9 l/h  Fuel Cons. at 100% (P.R.P) 14.6 l/h  Fuel Cons. at 75% (P.R.P.) 10.8 l/h  Fuel Cons. at 25% (P.R.P.) 7.6 l/h  Fuel Cons. at 25% (P.R.P.) 7.6 l/h  Fuel Cons. at 25% (P.R.P.) 4.2 l/h  Electronic regulator On request  Precision class G2  Oil quantity 8.3 l  Engine Antifreeze capacity 4.4 l  Radiator type TR  Heat from radiator 35.0 kW  Heat from radiator 35.0 kW  Heat from radiator 35.0 kW  Heat from radiation 10.0 kW  Exhaust temperature 557 °C  Portata Raffreddamento 89.0 m³/min  Combustion air flow 3.8 m³/min  Exhaust gas flow 10.1 m³/min  TA Luft N  TA Luft/2 N		DEDVING	
Cylinders         3           RPM speed         1500           Cubic capacity         3.30           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         24         Vdc           Sae         3-11         BMEP         1333         kPa           Cooling         Water         Water         Flywheel P.R.P. Power net         53.8         kW           Flywheel Stand-by Power net         59.3         kW         Fuel Cons. at 100% (L.T.P.)         15.9         l/h           Fuel Cons. at 100% (P.R.P.)         15.9         l/h         l/h         l/h         Fuel Cons. at 50% (P.R.P.)         10.8         l/h         l/h         l/h         Fuel Cons. at 50% (P.R.P.)         7.6         l/h         l/h         I/h         Fuel Cons. at 25% (P.R.P.)         7.6         l/h         I/h         Fuel Cons. at 25% (P.R.P.)         7.6         l/h         I/h         Fuel Cons. at 25% (P.R.P.)         7.6         l/h         I/h			
RPM speed         1500           Cubic capacity         3.30             Air intake         Turbocharged           Standard voltage         12           Vdc           Optional voltage         24           Vdc           Sae         3-11           BMEP         1333           kPa           Cooling         Water         Flywheel P.R.P. Power net         53.8           kW           Flywheel Stand-by Power net         59.3           kW           Flywheel Stand-by Power net         59.3           kW           Fuel Cons. at 100% (L.T.P.)         15.9  /h         I/h           Fuel Cons. at 100% (P.R.P.)         14.6  /h         I/h           Fuel Cons. at 75% (P.R.P.)         10.8  /h         I/h           Fuel Cons. at 25% (P.R.P.)         7.6  /h         I/h           Fuel Cons. at 25% (P.R.P.)         4.2  /h         I/h           Fuel Cons. at 25% (P.R.P.)         7.6  /h         I/h           Fuel Cons. at 25% (P.R.P.)         7.6  /h         I/h           Fuel Cons. at 2			
Cubic capacity         3.30 I           Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         1333 kPa           Cooling         Water           Flywheel P.R.P. Power net         53.8 kW           Flywheel Stand-by Power net         59.3 kW           Fuel Cons. at 100% (L.T.P.)         15.9 l/h           Fuel Cons. at 100% (P.R.P)         14.6 l/h           Fuel Cons. at 75% (P.R.P.)         10.8 l/h           Fuel Cons. at 50% (P.R.P.)         7.6 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         8.3 l           Engine Antifreeze capacity         4.4 l           Radiator type         TR           Heat from radiator         35.0 kW           Heat from radiation         10.0 kW           Exhaust temperature         557 °C           Portata Raffreddamento         89.0 m³/min           Combustion air flow         3.8 m³/min           Exhaust gas flow         10.1 m³/min           TA Luft/2	•		
Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         24 Vdc           Sae         3-11           BMEP         1333 kPa           Cooling         Water           Flywheel P.R.P. Power net         53.8 kW           Flywheel Stand-by Power net         59.3 kW           Fuel Cons. at 100% (L.T.P.)         15.9 l/h           Fuel Cons. at 100% (P.R.P)         14.6 l/h           Fuel Cons. at 75% (P.R.P.)         10.8 l/h           Fuel Cons. at 50% (P.R.P.)         7.6 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         8.3 l           Engine Antifreeze capacity         4.4 l           Radiator type         TR           Heat from radiator         35.0 kW           Heat from radiation         10.0 kW           Exhaust temperature         557 °C           Portata Raffreddamento         89.0 m³/min           Combustion air flow         3.8 m³/min           Exhaust gas flow         10.1 m³/min           TA Luft/2         N           EPA	RPM speed		
Standard voltage       12 Vdc         Optional voltage       24 Vdc         Sae       3-11         BMEP       1333 kPa         Cooling       Water         Flywheel P.R.P. Power net       53.8 kW         Flywheel Stand-by Power net       59.3 kW         Fuel Cons. at 100% (L.T.P.)       15.9 l/h         Fuel Cons. at 100% (P.R.P)       14.6 l/h         Fuel Cons. at 75% (P.R.P.)       10.8 l/h         Fuel Cons. at 50% (P.R.P.)       7.6 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Fuel Cons. at 25% (P.R.P.)       7.6 l/h         F	Cubic capacity	3.30	I
Optional voltage         24         Vdc           Sae         3-11         BMEP         1333         kPa           Cooling         Water         Flywheel P.R.P. Power net         53.8         kW           Flywheel Stand-by Power net         59.3         kW           Fuel Cons. at 100% (L.T.P.)         15.9         l/h           Fuel Cons. at 100% (P.R.P)         14.6         l/h           Fuel Cons. at 75% (P.R.P.)         10.8         l/h           Fuel Cons. at 50% (P.R.P.)         7.6         l/h           Fuel Cons. at 25% (P.R.P.)         4.2         l/h           Flectronic regulator         On request           Precision class         G2         Oil quantity         8.3         I           Engine Antifreeze capacity         4.4         I         I           Radiator type         TR         Heat from radiator         35.0         kW           Heat from exhaust         41.0         kW           Heat from radiation         10.0         kW           Exhaust temperature         557         °C           Portata Raffreddamento         89.0         m³/min           Combustion air flow         3.8         m³/min           Exhaust gas flow	Air intake	Turbocharged	
Sae       3-11         BMEP       1333       kPa         Cooling       Water         Flywheel P.R.P. Power net       53.8       kW         Flywheel Stand-by Power net       59.3       kW         Fuel Cons. at 100% (L.T.P.)       15.9       l/h         Fuel Cons. at 100% (P.R.P)       14.6       l/h         Fuel Cons. at 50% (P.R.P.)       7.6       l/h         Fuel Cons. at 25% (P.R.P.)       7.6       l/h         Fuel Cons. at 25% (P.R.P.)       4.2       l/h         Electronic regulator       On request         Precision class       G2       Oil quantity       8.3       l         Engine Antifreeze capacity       4.4       l         Radiator type       TR       TR         Heat from radiator       35.0       kW         Heat from exhaust       41.0       kW         Heat from radiation       10.0       kW         Exhaust temperature       557       °C         Portata Raffreddamento       89.0       m³/min         Combustion air flow       3.8       m³/min         Exhaust gas flow       10.1       m³/min         TA Luft/2       N         EPA	Standard voltage	12	Vdc
BMEP       1333 kPa         Cooling       Water         Flywheel P.R.P. Power net       53.8 kW         Flywheel Stand-by Power net       59.3 kW         Fuel Cons. at 100% (L.T.P.)       15.9 l/h         Fuel Cons. at 100% (P.R.P)       14.6 l/h         Fuel Cons. at 75% (P.R.P.)       10.8 l/h         Fuel Cons. at 50% (P.R.P.)       7.6 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       8.3 l         Engine Antifreeze capacity       4.4 l         Radiator type       TR         Heat from radiator       35.0 kW         Heat from exhaust       41.0 kW         Heat from radiation       10.0 kW         Exhaust temperature       557 °C         Portata Raffreddamento       89.0 m³/min         Combustion air flow       3.8 m³/min         Exhaust gas flow       10.1 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Optional voltage	24	Vdc
Cooling Water Flywheel P.R.P. Power net 53.8 kW Flywheel Stand-by Power net 59.3 kW Fuel Cons. at 100% (L.T.P.) 15.9 l/h Fuel Cons. at 100% (P.R.P) 14.6 l/h Fuel Cons. at 50% (P.R.P.) 10.8 l/h Fuel Cons. at 55% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 7.6 l/h Fuel Cons. at 25% (P.R.P.) 7.6 l/h Electronic regulator On request Precision class G2 Oil quantity 8.3 l Engine Antifreeze capacity 4.4 l Radiator type TR Heat from radiator 35.0 kW Heat from exhaust 41.0 kW Heat from radiation 10.0 kW Exhaust temperature 557 °C Portata Raffreddamento 89.0 m³/min Combustion air flow 3.8 m³/min Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 EPA N	Sae	3-11	
Flywheel P.R.P. Power net         53.8 kW           Flywheel Stand-by Power net         59.3 kW           Fuel Cons. at 100% (L.T.P.)         15.9 l/h           Fuel Cons. at 100% (P.R.P)         14.6 l/h           Fuel Cons. at 75% (P.R.P.)         10.8 l/h           Fuel Cons. at 50% (P.R.P.)         7.6 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         8.3 l           Engine Antifreeze capacity         4.4 l           Radiator type         TR           Heat from radiator         35.0 kW           Heat from exhaust         41.0 kW           Exhaust temperature         557 °C           Portata Raffreddamento         89.0 m³/min           Combustion air flow         3.8 m³/min           Exhaust gas flow         10.1 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	BMEP	1333	kPa
Flywheel Stand-by Power net         59.3 kW           Fuel Cons. at 100% (L.T.P.)         15.9 l/h           Fuel Cons. at 100% (P.R.P)         14.6 l/h           Fuel Cons. at 75% (P.R.P.)         10.8 l/h           Fuel Cons. at 50% (P.R.P.)         7.6 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         8.3 l           Engine Antifreeze capacity         4.4 l           Radiator type         TR           Heat from radiator         35.0 kW           Heat from exhaust         41.0 kW           Heat from radiation         10.0 kW           Exhaust temperature         557 °C           Portata Raffreddamento         89.0 m³/min           Combustion air flow         3.8 m³/min           Exhaust gas flow         10.1 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Cooling	Water	
Fuel Cons. at 100% (L.T.P.)       15.9 l/h         Fuel Cons. at 100% (P.R.P)       14.6 l/h         Fuel Cons. at 75% (P.R.P.)       10.8 l/h         Fuel Cons. at 50% (P.R.P.)       7.6 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       8.3 l         Engine Antifreeze capacity       4.4 l         Radiator type       TR         Heat from radiator       35.0 kW         Heat from exhaust       41.0 kW         Heat from radiation       10.0 kW         Exhaust temperature       557 °C         Portata Raffreddamento       89.0 m³/min         Combustion air flow       3.8 m³/min         Exhaust gas flow       10.1 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	53.8	kW
Fuel Cons. at 100% (P.R.P.)       14.6 l/h         Fuel Cons. at 75% (P.R.P.)       10.8 l/h         Fuel Cons. at 50% (P.R.P.)       7.6 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       8.3 l         Engine Antifreeze capacity       4.4 l         Radiator type       TR         Heat from radiator       35.0 kW         Heat from exhaust       41.0 kW         Heat from radiation       10.0 kW         Exhaust temperature       557 °C         Portata Raffreddamento       89.0 m³/min         Combustion air flow       3.8 m³/min         Exhaust gas flow       10.1 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel Stand-by Power net	59.3	kW
Fuel Cons. at 75% (P.R.P.)       10.8 l/h         Fuel Cons. at 50% (P.R.P.)       7.6 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       8.3 l         Engine Antifreeze capacity       4.4 l         Radiator type       TR         Heat from radiator       35.0 kW         Heat from exhaust       41.0 kW         Heat from radiation       10.0 kW         Exhaust temperature       557 °C         Portata Raffreddamento       89.0 m³/min         Combustion air flow       3.8 m³/min         Exhaust gas flow       10.1 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (L.T.P.)	15.9	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  For C  Portata Raffreddamento  Combustion air flow  TA Luft  TA Luft  TA Luft/2  EPA  On request  On request  On request  On request  On request  A.2  I/h  A.2  I/h  EN  W  H.3  I  EN  TA Luft  TA Luft/2  EPA  N  On request  I/h  A.2  I/h  On request  I/h  On request  On request  I/h  IN  TA Luft  N  TA Luft  N  TA Luft/2  N	Fuel Cons. at 100% (P.R.P)	14.6	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  For tata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft  TA Luft/2  EPA  On request  On passing  On Jane  On	Fuel Cons. at 75% (P.R.P.)	10.8	l/h
Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Exhaust gas flow  TA Luft  TA Luft/2  EPA  Oil quantity  8.3  I  Equation  8.3  I  Radiator type  TR  TR  Heat from radiator  35.0  KW  Heat from radiator  10.0  KW  Exhaust from radiation  10.0  River and radiator  10.1  Marion  TA Luft  N  TA Luft/2  EPA  N	Fuel Cons. at 50% (P.R.P.)	7.6	l/h
Precision class  G2  Oil quantity  Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  For C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft  TA Luft/2  EPA  Radiator type  TR  TA Luft  Radiator type  TR  Heat from radiator  35.0 kW  Heat from exhaust  41.0 kW  Exhaust from radiation  10.0 kW  Exhaust temperature  557 °C  Portata Raffreddamento  89.0 m³/min  Ton Luft  N  TA Luft  N  TA Luft  N  TA Luft/2  N  EPA	Fuel Cons. at 25% (P.R.P.)	4.2	l/h
Oil quantity  Engine Antifreeze capacity  A.4 I  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature	Electronic regulator	On request	
Engine Antifreeze capacity  Radiator type  TR  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  TR  H.4.4   I  R.4.4   I	Precision class	G2	
Radiator type  Heat from radiator  Heat from exhaust  Heat from exhaust  Heat from radiation  Exhaust temperature  557 °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft  N  TA Luft/2  EPA  TR  RW  HW  41.0 kW  41.0 kW  89.0 m³/min  10.1 m³/min  TA Luft  N  TA Luft  N	Oil quantity	8.3	I
Heat from radiator  Heat from exhaust  Heat from exhaust  Heat from radiation  10.0 kW  Exhaust temperature  557 °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft  TA Luft/2  EPA  N  SW  41.0 kW  89.0 m³/min  10.1 m³/min  N  TA Luft/2  N  N	Engine Antifreeze capacity	4.4	I
Heat from exhaust 41.0 kW  Heat from radiation 10.0 kW  Exhaust temperature 557 °C  Portata Raffreddamento 89.0 m³/min  Combustion air flow 3.8 m³/min  Exhaust gas flow 10.1 m³/min  TA Luft N  TA Luft/2 N  EPA N	Radiator type	TR	
Heat from radiation 10.0 kW  Exhaust temperature 557 °C  Portata Raffreddamento 89.0 m³/min  Combustion air flow 3.8 m³/min  Exhaust gas flow 10.1 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	35.0	kW
Exhaust temperature 557 °C  Portata Raffreddamento 89.0 m³/min  Combustion air flow 3.8 m³/min  Exhaust gas flow 10.1 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	41.0	kW
Portata Raffreddamento 89.0 m³/min  Combustion air flow 3.8 m³/min  Exhaust gas flow 10.1 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiation	10.0	kW
Combustion air flow 3.8 m³/min  Exhaust gas flow 10.1 m³/min  TA Luft N  TA Luft/2 N  EPA N	Exhaust temperature	557	°C
Exhaust gas flow 10.1 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	89.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	3.8	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	10.1	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
	EPA	N	
Stage	Stage	N	

MAIN DATA	
Continuous power (PRP)	<b>60.00</b> kVA
Continuous power (PRP)	<b>48.00</b> kW
Stand-by power (LTP)	<b>66.00</b> kVA
Stand-by power (LTP)	<b>52.80</b> kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	<b>68</b> dBA

DIMENSIONS AND WEIGHT	•	
Width	930 mm	1
Length	2100 mm	1
Height	1280 mm	١
Weight	1090 kg	

ALTERNATOR		
Description	STAMFORD	
Alternator model	S1L2-Y	
P.R.P. Power	62.5	kVA
L.T.P. Power	68.8	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1	± %

BASEFRAME	
Model	CK20
Standard tank	90 I
Optional tank	0 1
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	CK20	
Silencer model	F60/00	
Silencer outlet diameter	60	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.