

## **DS 65 GX**





## GALAXY "GX"



Description         HYUNDAI(DOOSAN)           Engine model         D34_NOSCR           Cylinders         4           RPM speed         1500           Cubic capacity         3.41           Air intake         Turbocharged           Standard voltage         Vdc           Optional voltage         Vdc           Sae         3-11½           BMEP         1600         kPa           Cooling         Water           Flywheel P.R.P. Power net         54.7         kW           Flywheel E.P. Power net         54.7         kW           Fuel Cons. at 100% (P.R.P.)         13.9         l/h           Fuel Cons. at 50% (P.R.P.)         13.9         l/h           Fuel Cons. at 55% (P.R.P.)         7.3         l/h           Fuel Cons. at 25% (P.R.P.)         7.2         l/			
Engine model         D34_NOSCR           Cylinders         4           RPM speed         1500           Cubic capacity         3.41           Air intake         Turbocharged           Standard voltage         12           Optional voltage         Vdc           Sae         3-11½           BMEP         1600         kPa           Cooling         Water           Flywheel P.R.P. Power net         54.7         kW           Flywheel E.P. Power net         54.7         kW           Fuel Cons. at 100% (E.P.)         13.9         l/h           Fuel Cons. at 50% (P.R.P.)         13.9         l/h           Fuel Cons. at 55% (P.R.P.)         10.6         l/h           Fuel Cons. at 25% (P.R.P.)         7.3         l/h           Fuel Cons. at 25% (P.R.P.)         4.2         l/h           Fuel Cons. at 25% (P.R.P.)         4.7         l           Fuel Cons. at 25% (P.R.P.)         6.<	ENGINE		
Cylinders       4         RPM speed       1500         Cubic capacity       3.41       I         Air intake       Turbocharged       Vdc         Standard voltage       Vdc       Vdc         Optional voltage       Vdc       Vdc         Sae       3-11½       BMEP       1600       kPa         Cooling       Water       Flywheel P.R.P. Power net       54.7       kW         Flywheel E.P. Power net       54.7       kW         Fuel Cons. at 100% (E.P.)       13.9       l/h         Fuel Cons. at 100% (P.R.P)       13.9       l/h         Fuel Cons. at 55% (P.R.P.)       7.3       l/h         Fuel Cons. at 55% (P.R.P.)       7.3       l/h         Fuel Cons. at 25% (P.R.P.)       7.3       l/h         Fuel Cons. at 25% (P.R.P.)       3.4       l/h         Fuel Cons. at 25% (P.R.P.)       4.2       l/h         Fuel Cons. at 25% (P.R.P.)       7.3       l/h         Fuel Cons. at 25% (P.R.P.)       7.3       l/h         Fuel Cons. at 25% (P.R.P.)       7.3       l/h         Fuel Cons. at 50% (P.R.P.)       7.3       l/h         Fuel Cons. at 50% (P.R.P.)       7.3       l/h	Description	HYUNDAI(DOOSAN)	
RPM speed         1500           Cubic capacity         3.41         I           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         Vdc         Vdc           Sae         3-11½         BMEP         1600         kPa           Cooling         Water         Flywheel P.R.P. Power net         54.7         kW           Flywheel E.P. Power net         54.7         kW           Flywheel E.P. Power net         54.7         kW           Fuel Cons. at 100% (E.P.)         13.9         I/h           Fuel Cons. at 100% (P.R.P.)         13.9         I/h           Fuel Cons. at 50% (P.R.P.)         10.6         I/h           Fuel Cons. at 25% (P.R.P.)         7.3         I/h           Fuel Cons. at 25% (P.R.P.)         4.2         I/h           Fuel Cons. at 25% (P.R.P.)         4.7         I           Electronic regulator         Standard <t< td=""><td>Engine model</td><td>D34_NOSCR</td><td></td></t<>	Engine model	D34_NOSCR	
Cubic capacity       3.41       I         Air intake       Turbocharged       Standard voltage       Vdc         Optional voltage       Vdc       Vdc         Sae       3-11½       BMEP       1600       kPa         Cooling       Water       Flywheel P.R.P. Power net       54.7       kW         Flywheel E.P. Power net       54.7       kW         Fuel Cons. at 100% (E.P.)       13.9       l/h         Fuel Cons. at 200% (P.R.P.)       13.9       l/h         Fuel Cons. at 75% (P.R.P.)       10.6       l/h         Fuel Cons. at 50% (P.R.P.)       7.3       l/h         Fuel Cons. at 25% (P.R.P.)       4.2       l/h         Flectronic regulator       Standard         Precision class       G2       Oll quantity       12.6       I         Engine Antifreeze capacity       4.7       I         Radiator type       TE       Heat from radiator       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       0 °C       Cooling air flow       0.0       m³/min         Combustion air flow       0.0       m³/min         Exhaust gas flow       0.0       m³/min	Cylinders	4	
Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         Vdc           Sae         3-11½           BMEP         1600 kPa           Cooling         Water           Flywheel P.R.P. Power net         54.7 kW           Flywheel E.P. Power net         54.7 kW           Fuel Cons. at 100% (E.P.)         13.9 l/h           Fuel Cons. at 100% (P.R.P)         13.9 l/h           Fuel Cons. at 75% (P.R.P.)         10.6 l/h           Fuel Cons. at 50% (P.R.P.)         7.3 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         12.6 l           Engine Antifreeze capacity         4.7 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Cooling air flow         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft/2         N           EPA         N	RPM speed	1500	
Standard voltage         12 Vdc           Optional voltage         Vdc           Sae         3-11½           BMEP         1600 kPa           Cooling         Water           Flywheel P.R.P. Power net         54.7 kW           Flywheel E.P. Power net         54.7 kW           Fuel Cons. at 100% (E.P.)         13.9 l/h           Fuel Cons. at 100% (P.R.P)         13.9 l/h           Fuel Cons. at 75% (P.R.P.)         10.6 l/h           Fuel Cons. at 50% (P.R.P.)         7.3 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         12.6 l           Engine Antifreeze capacity         4.7 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Cooling air flow         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft/2         N           EPA         N	Cubic capacity	3.41	1
Optional voltage         Vdc           Sae         3-11½           BMEP         1600 kPa           Cooling         Water           Flywheel P.R.P. Power net         54.7 kW           Flywheel E.P. Power net         54.7 kW           Fuel Cons. at 100% (E.P.)         13.9 l/h           Fuel Cons. at 100% (P.R.P)         13.9 l/h           Fuel Cons. at 75% (P.R.P.)         10.6 l/h           Fuel Cons. at 50% (P.R.P.)         7.3 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         12.6 l           Engine Antifreeze capacity         4.7 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Cooling air flow         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           EPA         N	Air intake	Turbocharged	
Sae         3-11½           BMEP         1600 kPa           Cooling         Water           Flywheel P.R.P. Power net         54.7 kW           Flywheel E.P. Power net         54.7 kW           Fuel Cons. at 100% (E.P.)         13.9 l/h           Fuel Cons. at 100% (P.R.P)         13.9 l/h           Fuel Cons. at 75% (P.R.P.)         10.6 l/h           Fuel Cons. at 50% (P.R.P.)         7.3 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         12.6 l           Engine Antifreeze capacity         4.7 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Cooling air flow         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft/2         N           EPA         N	Standard voltage	12	Vdc
BMEP       1600       kPa         Cooling       Water         Flywheel P.R.P. Power net       54.7       kW         Flywheel E.P. Power net       54.7       kW         Fuel Cons. at 100% (E.P.)       13.9       l/h         Fuel Cons. at 100% (P.R.P)       13.9       l/h         Fuel Cons. at 75% (P.R.P.)       10.6       l/h         Fuel Cons. at 50% (P.R.P.)       7.3       l/h         Fuel Cons. at 25% (P.R.P.)       4.2       l/h         Electronic regulator       Standard         Precision class       G2       Oil quantity       12.6       I         Engine Antifreeze capacity       4.7       I         Radiator type       TE       Heat from radiator       0.0       kW         Heat from exhaust       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       0 °C       Cooling air flow       0.0       m³/min         Combustion air flow       0.0       m³/min         Exhaust gas flow       0.0       m³/min         TA Luft/2       N         EPA       N	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         54.7 kW           Flywheel E.P. Power net         54.7 kW           Fuel Cons. at 100% (E.P.)         13.9 l/h           Fuel Cons. at 100% (P.R.P)         13.9 l/h           Fuel Cons. at 75% (P.R.P.)         10.6 l/h           Fuel Cons. at 50% (P.R.P.)         7.3 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         12.6 l           Engine Antifreeze capacity         4.7 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Cooling air flow         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           EPA         N	Sae	3-11½	
Flywheel P.R.P. Power net       54.7 kW         Flywheel E.P. Power net       54.7 kW         Fuel Cons. at 100% (E.P.)       13.9 l/h         Fuel Cons. at 100% (P.R.P)       13.9 l/h         Fuel Cons. at 75% (P.R.P.)       10.6 l/h         Fuel Cons. at 50% (P.R.P.)       7.3 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       12.6 l         Engine Antifreeze capacity       4.7 l         Radiator type       TE         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Cooling air flow       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	BMEP	1600	kPa
Flywheel E.P. Power net       54.7 kW         Fuel Cons. at 100% (E.P.)       13.9 l/h         Fuel Cons. at 100% (P.R.P)       13.9 l/h         Fuel Cons. at 75% (P.R.P.)       10.6 l/h         Fuel Cons. at 50% (P.R.P.)       7.3 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       12.6 l         Engine Antifreeze capacity       4.7 l         Radiator type       TE         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Cooling air flow       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Cooling	Water	
Fuel Cons. at 100% (E.P.)       13.9 l/h         Fuel Cons. at 100% (P.R.P)       13.9 l/h         Fuel Cons. at 75% (P.R.P.)       10.6 l/h         Fuel Cons. at 50% (P.R.P.)       7.3 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       12.6 l         Engine Antifreeze capacity       4.7 l         Radiator type       TE         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Cooling air flow       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	54.7	kW
Fuel Cons. at 100% (P.R.P.)       13.9 l/h         Fuel Cons. at 75% (P.R.P.)       10.6 l/h         Fuel Cons. at 50% (P.R.P.)       7.3 l/h         Fuel Cons. at 25% (P.R.P.)       4.2 l/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       12.6 l         Engine Antifreeze capacity       4.7 l         Radiator type       TE         Heat from radiator       0.0 kW         Heat from exhaust       0.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Cooling air flow       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel E.P. Power net	54.7	kW
Fuel Cons. at 75% (P.R.P.)       10.6       I/h         Fuel Cons. at 50% (P.R.P.)       7.3       I/h         Fuel Cons. at 25% (P.R.P.)       4.2       I/h         Electronic regulator       Standard         Precision class       G2         Oil quantity       12.6       I         Engine Antifreeze capacity       4.7       I         Radiator type       TE       Heat from radiator       0.0       kW         Heat from exhaust       0.0       kW         Heat from radiation       0.0       kW         Exhaust temperature       0 °C       C         Cooling air flow       0.0       m³/min         Combustion air flow       0.0       m³/min         Exhaust gas flow       0.0       m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Fuel Cons. at 100% (E.P.)	13.9	l/h
Fuel Cons. at 50% (P.R.P.)         7.3 l/h           Fuel Cons. at 25% (P.R.P.)         4.2 l/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         12.6 l           Engine Antifreeze capacity         4.7 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Cooling air flow         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 100% (P.R.P)	13.9	l/h
Fuel Cons. at 25% (P.R.P.)         4.2 I/h           Electronic regulator         Standard           Precision class         G2           Oil quantity         12.6 I           Engine Antifreeze capacity         4.7 I           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Cooling air flow         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 75% (P.R.P.)	10.6	l/h
Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Cooling air flow  Combustion air flow  TA Luft  TA Luft/2  EPA  Signature  G2  O1  02  00  00  00  00  00  00  00  00  0	Fuel Cons. at 50% (P.R.P.)	7.3	l/h
Precision class  G2  Oil quantity  12.6 I  Engine Antifreeze capacity  4.7 I  Radiator type  TE  Heat from radiator  Heat from exhaust  0.0 kW  Heat from radiation  Exhaust temperature  Cooling air flow  Combustion air flow  TA Luft  TA Luft/2  EPA  Second 12.6 I  0.0 kW  0.0 kW  0.0 m³/min  0.0 m³/min  N	Fuel Cons. at 25% (P.R.P.)	4.2	l/h
Oil quantity         12.6 I           Engine Antifreeze capacity         4.7 I           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Cooling air flow         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Electronic regulator	Standard	
Engine Antifreeze capacity  Radiator type  TE  Heat from radiator  Heat from exhaust  Cooling air flow  Combustion air flow  TA Luft  TA Luft/2  EPA  TE  4.7 I  A.7 I  TE  Heat from Antifreeze capacity  A.7 I  TE  A.7 I  A.7 I	Precision class	G2	
Radiator type  Heat from radiator  Heat from exhaust  O.0 kW  Heat from radiation  Exhaust temperature  Cooling air flow  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  TE  TO  TO  TO  NO  NW  EW  TE  TO  NO  NO  NO  NO  NO  NO  NO  NO  TO  T	Oil quantity	12.6	I
Heat from radiator  Heat from radiator  Heat from exhaust  Heat from radiation  Con kW  Exhaust temperature  Cooling air flow  Combustion air flow  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  N  N  N  N  N  N  N  N  N  N  N  N  N	Engine Antifreeze capacity	4.7	1
Heat from exhaust 0.0 kW  Heat from radiation 0.0 kW  Exhaust temperature 0 °C  Cooling air flow 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Radiator type	TE	
Heat from radiation 0.0 kW  Exhaust temperature 0 °C  Cooling air flow 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	0.0	kW
Exhaust temperature 0 °C  Cooling air flow 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	0.0	kW
Cooling air flow 0.0 m³/min Combustion air flow 0.0 m³/min Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Heat from radiation	0.0	kW
Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Exhaust temperature	0	°C
Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Cooling air flow	0.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	0.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	0.0	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage 5	EPA	N	
-	Stage	5	

MAIN DATA	
Continuous power (PRP)	<b>60.00</b> kVA
Continuous power (PRP)	<b>48.00</b> kW
Emergency power (E.P.)	<b>60.00</b> kVA
Emergency power (E.P.)	<b>48.00</b> kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	<b>65.0</b> dBA

DIMENSIONS AND WEIGHT		
Width	1040	mm
Length	2560	mm
Height	1805	mm
Weight	1350	kg

ALTERNATOR	
Description	STAMFORD
Alternator model	S1L2-Y
P.R.P. Power	62.5 kVA
E.P. Power	68.8 kVA
Connection	Series star
Phases	3FN
Winding	311
Terminal Number	12 nr.
IP Protection	23
Electronic regulator	AS540
Precision	1.0 ± %

BASEFRAME	
Model	GV060HD
Standard tank	160 I
Optional tank	70 I
Oversized tank*	800 I

CANOPY & SILENCER		
Canopy model	GV060	
Silencer model	MSR/a 65	
Silencer outlet diameter	76.0 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 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. 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.

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.