

DEEP SEA ELECTRONICS LTD

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Product Change Notification: DSEG8600

Part No's: G8600-01



Related Products	Description	Part Number
G8660	ATS / Mains Controller	G8660-01
G8680	Bus Tie Controller	G8680-01
G0123	Analogue Load Share Lines Interface	G0123-01
2160	DSENet® Input/Output Expansion Module	2160-01
890 MKII	DSEWebNet® Gateway 4G/Ethernet	0890-04

New Features

Release Date: 14.11.24 v3.30.6	
Added Feature	Feature Explanation
VDE / IEEE1547 / IEE4100 fault ride through settings.	Allows a generator to keep running through voltage dips to support the grid.
VDE voltage & reactive power control.	Helps to control grid voltages.
PLC PIN number.	Provides additional security for the PLC software.
Module read/write PIN.	Increases module security.
Governor & AVR output.	The governor and AVR analogue outputs can be repurposed as flexible analogue outputs if they are not required to control the governor and AVR.
Configurable Y-axis settings for configurable inputs.	Allows the user to scale Y axis and define the units.
Release Date: 26.02.24- v3.3	
Added Feature	Feature Explanation
2160 DSENet® Input / Output Expansion Module support.	Allows the G8600 control module to seamlessly integrate with the 2160 expansion module.
3-wire start support.	Available when module is in use as a single-set and multi-set controller. Feature provides fail-safe starting of a generator set using a digital input, reporting an alarm condition if there is a fault with the starting scheme. The operation is selectable between remote start on load and remote start island mode. Remote start off load is not supported.
Arc flash reduction maintenance system.	Feature adds an instantaneous trip based on the measured peak current. This overrides the operation of the short circuit and IDMT curves so that high over current conditions are tripped as quickly as possible. A digital input enabled instantaneous current alarm has been added to trip the breaker immediately if the current exceeds the alarm threshold. It is primarily intended for use during commissioning and maintenance operations for additional safety.
Release Date: 26.01.23 - v1.1	
Added Feature	Feature Explanation
Initial release.	N/A

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Current Module Software Version

Version	Date	Comments
V 3.30.6	14/11/2024	Software upgraded to provide functionality for features added above.
V 3.3	06/02/2024	Software upgraded to provide functionality for features added above.
V 1.1	26/01/2023	Initial release.