



## DSE Product Focus





## INDUSTRY LEADING CONTROL SYSTEMS A GLOBAL BUSINESS YOU CAN TRUST

Thanks for your interest in DSEs advanced control products, developed for a wide range of applications, including mission critical, prime power, standby power, telecoms, rental, lighting towers, pumps, compressors, and mobile machinery.

Our comprehensive global network includes offices across Europe, North America, Middle East, Latin America and India and extensive distributor, reseller, and systems integration partners, who ensure customers receive industry-leading sales and support at all times.

We are committed to producing products of the highest quality and manufacture all control systems at our bespoke UK head office manufacturing facility.

We combine a range of advanced surface mount and through-hole placement technology, automated optical inspection equipment and our highly skilled workforce, to create a range of product solutions that withstand the toughest application environments anywhere in the world.

We would welcome the opportunity to discuss the requirements of your business and recommend the most suitable products from across the DSE range.

## UK MANUFACTURING EXCELLENCE THROUGH AUTOMATION

Our manufacturing processes utilise significant levels of automation to ensure all DSE products are built to the highest possible standards. Automated optical inspection equipment tests all products at multiple stages of the build process to ensure customers receive premium quality products at all times.

## GLOBAL SUPPORT NETWORK MAXIMISING SYSTEM UPTIME

Our global support network provides outstanding levels of support for all DSE hardware and software. Dedicated support hubs ensure support is easily accessible to all customers globally. Reinforced by our comprehensive distributor, reseller and system integrator network, DSE support is unrivalled across our core markets.



# Advanced Paralleling Genset Controllers

The G8 Series is our most advanced gen-set controller range, designed for multiple gen-sets with complex paralleling requirements. The advanced modules control and monitor demanding application environments with critical infrastructure requirements, including banks, stadiums, hospitals and data centers.



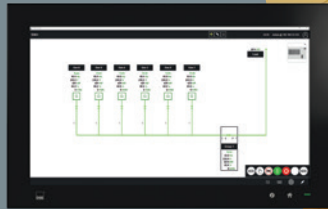
**DSE G8600**  
Parallel Genset Controller with Integral Heater



**DSE G8660**  
Mains (Utility) Controller



**DSE G8680**  
Bus-Tie Controller



**DSE G8015**  
15" Panel PC with DSE SCADA



**DSE G8900**  
7" Colour Parallel Genset Controller



Scan to view the full G8 Series product range online



Scan to view the G8 Series Showcase

# Load Sharing & Synchronising Control Modules



DSE load sharing & synchronising control modules are designed to control single or multiple generators across a wide range of synchronising applications. These include simple load sharing systems that require basic configuration through to demanding systems with advanced control and monitoring requirements.



**DSE 8620 MKII**  
Synchronising Auto Mains (Utility) Failure Load Share Control Module



**DSE 8660 MKII**  
Auto Transfer Switch & Mains (Utility) Control Module



**DSE 8680**  
Synchronising Generator Bus-Tie Control Module



**DSE 8610 MKII**  
Synchronising & Load Sharing Auto Start Control Module



Scan to learn more

## Manual / Auto Start / AMF Control Modules

DSE has a flexible range of single gen-set controllers for prime power and standby power applications. Each controller utilises a common PC software platform for simple configuration and intuitive user-interface for ease of use. Levels of configuration are controller specific, allowing users to select the right solution for controlling and monitoring their gen-sets, on-site and from remote locations.



**DSE4520 MKII**  
Auto Mains (Utility)  
Failure Control  
Module

Auto Start  
Configurable



**DSE6120 MKIII**  
Auto Mains (Utility)  
Failure Control Module

Auto Start Variant Available



**DSE7320 MKII**  
Auto Mains (Utility) Failure  
Control Module

Auto Start Variant Available



**DSE7420 MKII**  
Auto Mains (Utility)  
Failure Control Module

Auto Start Variant Available



## Power Generation Applications



Prime Power



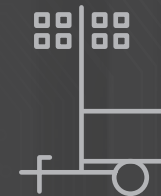
Rental



Standby



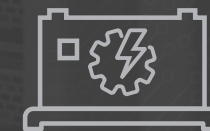
Telecoms



Lighting Towers



Hybrid



Mission Critical



Combined Heat  
& Power

# Additional DSEgenset® Product Categories



Digital Automatic  
Voltage Regulators  
(AVRs)



Mains (Utility)  
Protection Relays  
& Power Meters



Lighting Tower  
Control Modules



Remote Communications  
& Overview Displays



Software Tools



Expansion Modules



Scan to view the full  
DSEgenset® product  
range online



# DSEControl®

DSEControl® offers a range of high performance programmable displays and controllers for off-highway vehicles & machinery and a number of intelligent control systems for engines, pumps and compressors.

## DSEM-Series®



DSEM812  
12" Programmable Display



DSEM835  
3.5" Programmable Display

## DSEE-Series®



DSEE400  
Engine Control Module



DSEE100  
Engine Control Module



Scan to view the full  
DSEControl® product  
range online

# DSEPower®

DSEPower® offers 12 volt and 24 volt, compact, vertical, intelligent, and enclosed battery chargers. Chargers are available in ratings between 3 amp and 30 amp. All chargers are designed for use with our industry-leading control systems across our core markets. Our charger range is also an excellent choice for rail, marine, smoke AOV and CCTV applications.



**DSE9474**  
24 Volt 30 Amp Intelligent Battery Charger



**DSEBC2410Ei**  
12 / 24 Volt 10 Amp Enclosed Intelligent Battery Charger



Scan to view the full product range online

# DSEAts®

DSEAts® control modules are designed to switch power between two independent power sources (S1/S2). They control and monitor the mains (utility) power supply and its voltage, frequency and current and connect to a single gen-set. When instability in the mains (utility) supply is detected they forward a start command to the back-up power supply, returning power to the mains (utility) when it becomes stable.



**DSE335 MKII**  
Auto Transfer Switch Control Module



**DSE334**  
Auto Transfer Switch Control Module



Scan to view the full product range online

# MOTORTECH®

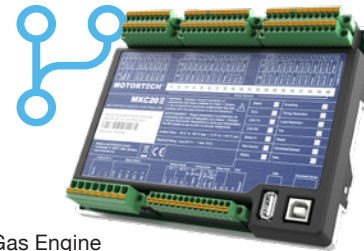
Our sister company MOTORTECH® GmbH is an international designer and manufacturer of sustainable individual solutions, including ignition systems, air/fuel ratio control systems, gas engine control systems, sensor systems, and accessories for stationary gas engines.



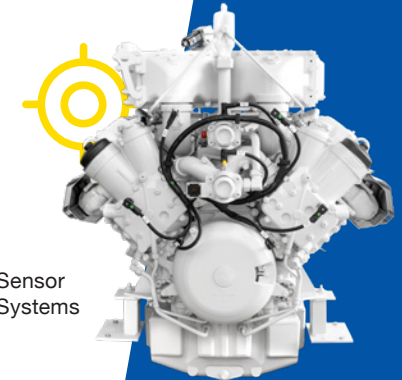
Ignition Systems



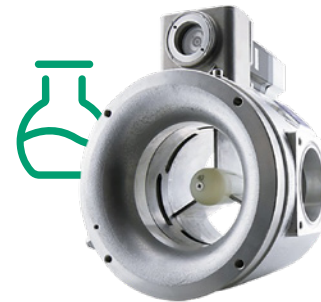
Spark Plugs & Accessories



Gas Engine Control Systems



Sensor Systems



Air / Fuel Ratio Control Systems



Exhaust Gas Monitoring



Scan to visit MOTORTECH website





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**DEEP SEA ELECTRONICS UK**

Highfield House, Hunmanby Industrial Estate,  
Hunmanby, North Yorkshire,  
YO14 0PH, UK

**T:** +44 (0) 1723 890099

**E:** [sales@deepseaelectronics.com](mailto:sales@deepseaelectronics.com)

**W:** [www.deepseaelectronics.com](http://www.deepseaelectronics.com)

**DEEP SEA ELECTRONICS UAE**

Gold Crest Executive Tower, Office 512,  
Jumeirah Lake Towers, Dubai, UAE  
P.O. Box 72857

**T:** +971 (0) 45 910819

**E:** [uaesales@deepseaelectronics.com](mailto:uaesales@deepseaelectronics.com)

**W:** [www.deepseaelectronics.com](http://www.deepseaelectronics.com)

**DEEP SEA ELECTRONICS INDIA**

405, 406 Pride Gateway,  
Baner Pune 411045,  
Maharashtra (India)  
CIN U52100PN2013FTC213603

**T:** +91 20 68195900

**E:** [sales@deepseaelectronics.com](mailto:sales@deepseaelectronics.com)

**W:** [www.deepseaelectronics.com](http://www.deepseaelectronics.com)

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