

DSE160

SELF SEEKING POWER SUPPLY

FEATURES



The DSE160 is a self-seeking power supply designed to work with DSE300 Series Auto Transfer Switch Controllers.

The module can be supplied from mains (utility), generator or battery and provides a power supply output for ATS controllers.

The module will provide DC power to the modules and when the mains/utility power is lost, will automatically switch to providing power from either the generator or battery.

The module is housed within a sleek plastic casing for DIN rail or chassis mounting and incorporates 3 red LEDs to show the system status.

With short circuit protection, the module offers many features and is available in 12 V and 24 V options.

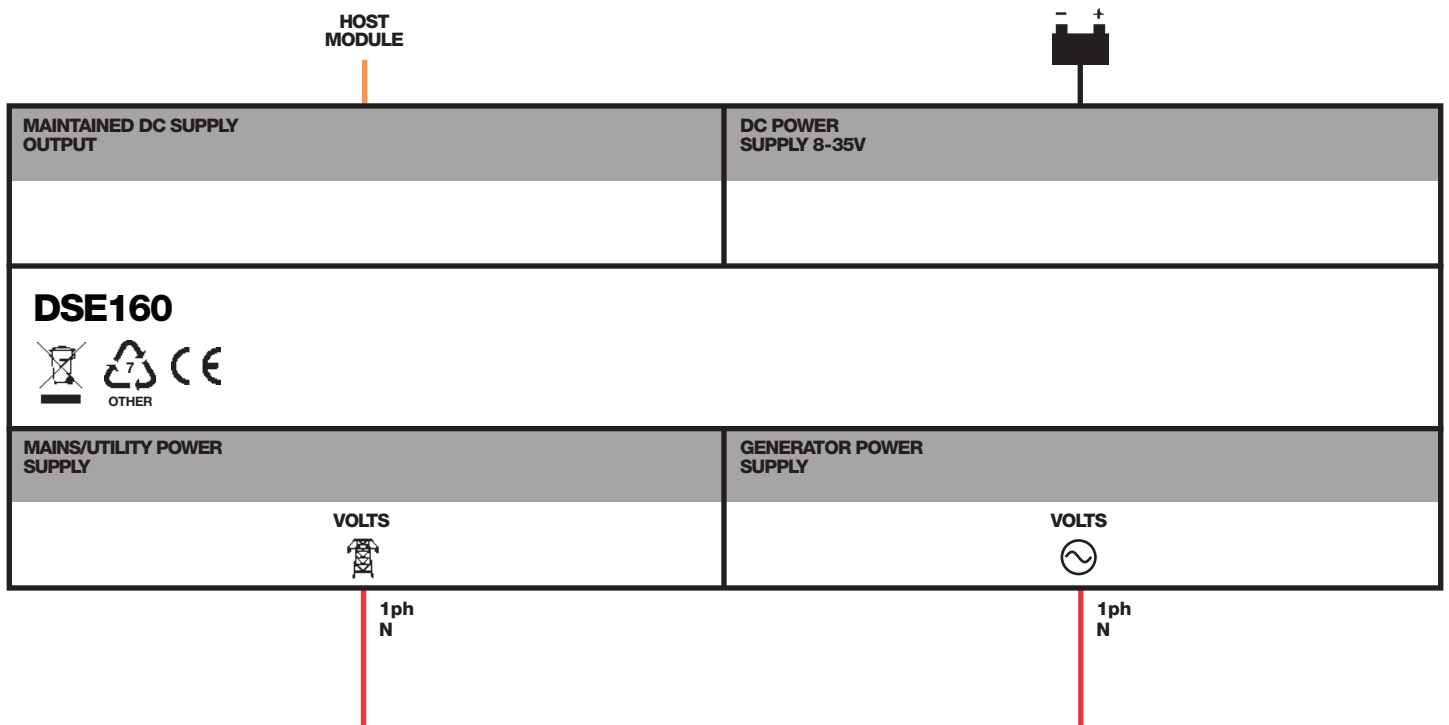
ENVIRONMENTAL TESTING STANDARDS

ELECTRO-MAGNETIC COMPATIBILITY
BS EN 61000-6-2:2005
BS EN 61000-6-4:2007

ELECTRICAL SAFETY
BS EN 60950-1:2006

OPERATING TEMPERATURE
-30°C to + 60°C

COMPREHENSIVE FEATURE LIST TO SUIT A WIDE VARIETY OF GEN-SET APPLICATIONS



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KEY FEATURES

- 12 V and 24 V options
- LED indication
- Can be used as an AC-DC power supply
- Can be powered from mains (utility), generator or battery
- Wide operating input voltage
- Output auto restart short circuit protection
- Output over voltage protection
- Less than 1% output ripple

SPECIFICATION

AC SUPPLY
VOLTAGE RANGE
 90 V to 305 V (L-N)

FREQUENCY RANGE
 48 Hz to 64 Hz (L-N)

DC OUTPUT
OUTPUT
 1 A DC at 12 V DC
 1 A DC at 24 V DC

CURRENT LIMIT
 1.5 A DC

RISE TIME
 <20 ms

RIPPLE AND NOISE
 <1%

EFFICIENCY
 >80%

REGULATION
LINE
 <0.1% V_o

LOAD
 <5% V_o

PROTECTIONS
 Short Circuit
 Over Current
 Reverse Polarity

DIMENSIONS
OVERALL
 136 mm x 140 mm x 63 mm
 5.4" x 5.5" x 2.5"

WEIGHT
 0.5 kg

RELATED MATERIALS

TITLE

DSE160 Installation Instructions
 DSE160 Operator Manual
 DSE332 Data Sheet
 DSE333 Data Sheet

PART NO'S

053-065
 057-108
 055-075
 055-080

DEEP SEA ELECTRONICS PLC UK

Highfield House, Hunmanby Industrial Estate, Hunmanby YO14 0PH
TELEPHONE +44 (0) 1723 890099 **FACSIMILE** +44 (0) 1723 893303
EMAIL sales@deepseapl.com **WEBSITE** www.deepseapl.com

DEEP SEA ELECTRONICS INC USA

3230 Williams Avenue, Rockford, IL 61101-2668 USA
TELEPHONE +1 (815) 316 8706 **FACSIMILE** +1 (815) 316 8708
EMAIL sales@deepseausa.com **WEBSITE** www.deepseausa.com