



DSE**160**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

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

HOST MODULE	∺
MAINTAINED DC SUPPLY OUTPUT	DC POWER SUPPLY 8-35V
DSE160 A COTHER OTHER	
MAINS/UTILITY POWER SUPPLY	GENERATOR POWER SUPPLY
VOLTS	VOLTS
1ph N	1ph N

















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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

EFFICIENCY

>80%

REGULATION

LINE <0.1% Vo

LOAD

<5% Vo

PROTECTIONS

Short Circuit Over Current Reverse Polarity

OVERALL136 mm x 140 mm x 63 mm
5.4" x 5.5" x 2.5"

WEIGHT

0.5 kg

- 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

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

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