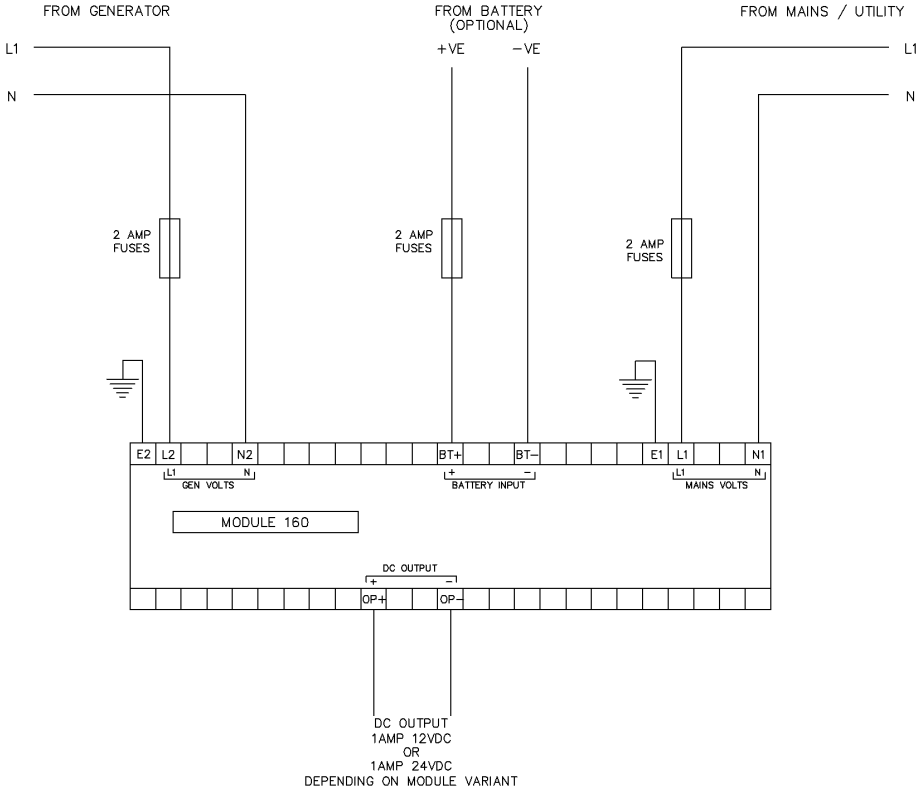


## DSE160 SELF SEEKING POWER SUPPLY

### TYPICAL WIRING DIAGRAM



TERMINALS SUITABLE FOR 22-16 AWG (0.6mm<sup>2</sup> - 1.5mm<sup>2</sup>) FIELD WIRING

TIGHTENING TORQUE = 0.8Nm (7lb-in)

**Internal 250V 2A Anti Surge fuses (Ceramic 20mm x 5mm) are fitted to the Generator and Mains inputs.  
Internal self resetting thermal fuse is internally fitted to the Battery Input.  
External fuses are recommended to protect the connection cables to the DSE160 Self Seeking Supply.**

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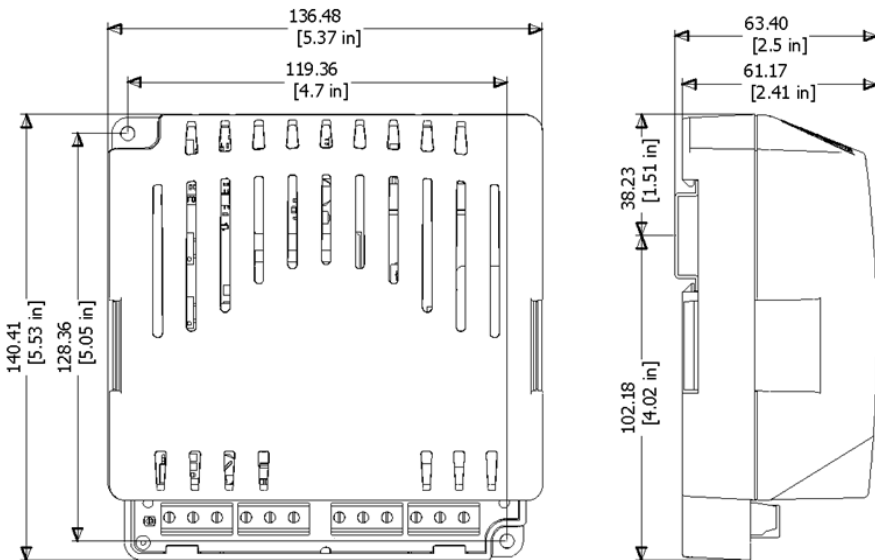
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# SPECIFICATION

Overall size	136.48mm x 140.41mm x 63.40mm (5.37" x 5.53" x 2.5")
Weight	0.5kg
Mounting type	DIN rail or chassis mounting
Din rail type	EN 50022 35mm type only
Mounting holes	Suitable for M4
Mounting hole centres	119.36mm x 128.36mm (4.7" x 5.05")
Input voltage (nominal)	110V-277V
Input voltage (absolute range)	90V-305V
Operating Temperature	-30°C to 60°C (-22°F to 131°F)



## LED indications

MAINS	Off when AC mains supply is not present or output voltage is too low. Steady during normal operation with AC mains supply above minimum operating voltage. Flashing when output is short circuited.
GEN	Off when AC generator supply is not present or output voltage is too low. Steady during normal operation with AC generator supply above minimum operating voltage. Flashing when output is short circuited.
BAT	Off when no battery is available, the battery voltage is too low or the output current is higher than 2 Amp (max rating of DSE160 = 1A). On when battery is available.
OP	On when output is operating normally. Off when the output has failed or no input supply is available. Flashing if output is short circuited when the unit is powered from either generator or mains supply.