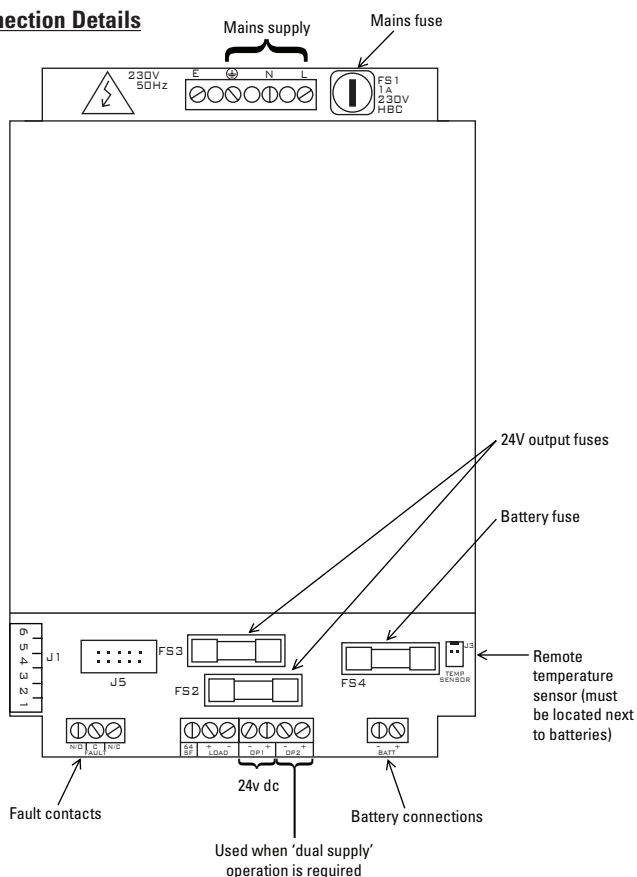




# Technical Specification

<b>Mains Input Voltage</b>	230V ac nominal $\pm$ 10%
<b>Mains Input Current</b>	0.5A maximum, fused at 1A (anti-surge)
<b>Load Outputs</b>	2 separate outputs, fused at 3.15A each
<b>Maximum Quiescent Load (Imax a)</b>	12Ah batteries - 2A. 18Ah batteries - 1.5A. 24Ah batteries - 1A
<b>Maximum Alarm Load (Imax b)</b>	3A
<b>Output Voltage</b>	25 – 29V dc with mains present, battery voltage when mains failed
<b>Output Ripple</b>	1V maximum peak to peak at full output load
<b>Battery Charge Voltage</b>	27.3V dc at 20°C, temperature compensated at $-40$ mV/°C fused at 5A
<b>Maximum Battery Internal Resistance</b>	1 ohm
<b>Battery Fault Levels</b>	Undervoltage - 22V dc (fault relay operates), Overvoltage - 28.5V dc (fault relay operates)
<b>Battery Low Voltage Cutoff</b>	18.5V dc (load removed from batteries)
<b>Battery Monitoring</b>	Compliant with EN54 Part 4
<b>Current Consumption From Batteries</b>	8mA maximum 30 seconds after mains failure, 0.5mA maximum when low volt disconnect active
<b>Environment</b>	0-50°C ambient (90% R.H non-condensing)
<b>Fault Output</b>	Changeover contacts rated at 5A 30V dc (non-inductive)
<b>Batteries</b>	Up to 24V 24Ah sealed lead acid (limited by 24 hour recharge to 85% capacity)

## Connection Details



## Current Protective Devices

- Current protective device within local isolator rated at 3A
- Current protective device within distribution board 6A Type B

Battery Life	Model	Enclosure Dimensions (mm)	Batteries
4 Year	9000/BC3/12	440(W) x 385(H) x 144(D)	2 x 12V 12Ah Batteries
4 Year	9000/BC3/18	440(W) x 385(H) x 144(D)	2 x 12V 18Ah Batteries
4 Year	9000/BC3/24	440(W) x 385(H) x 220(D)	2 x 12V 24Ah Batteries



Company Policy is one of continuous improvement, we reserve the right to change specification without prior notice

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