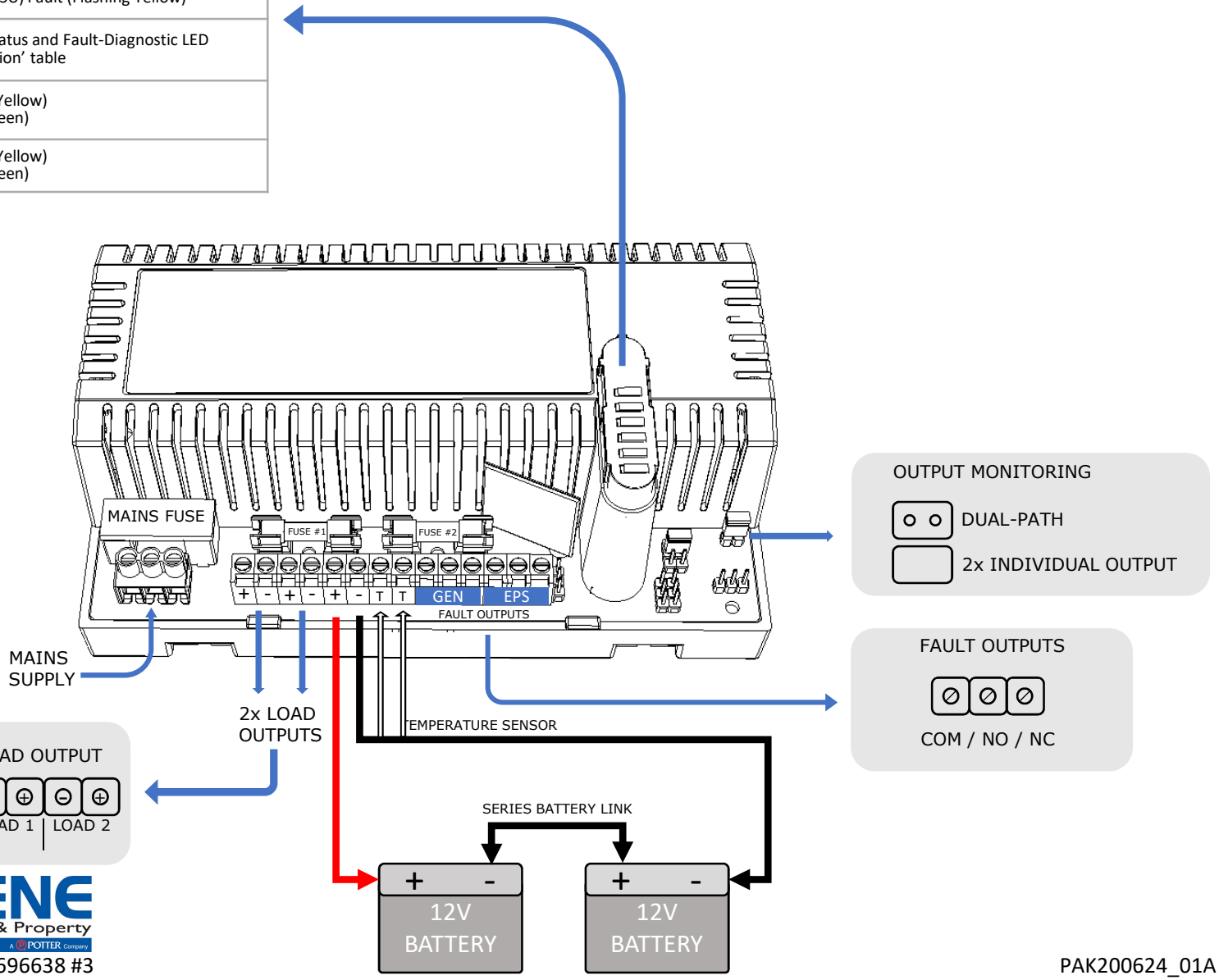
2401ST
QUICK START GUIDE

You must read the full product guide before installation

Indicator	Functional states
1 - Mains status	• Fault (Yellow) • OK (Green)
2 - Battery status	• Battery Fault (Yellow) • Charging (Flashing Green) • Battery Charged (Green)
3 - Fault status	• No Fault(s) (Off) • GEN (PSU) Fault (Flashing Yellow)
4 - Diagnostic ID	• See 'Status and Fault-Diagnostic LED Indication' table
5 – Output 1 status	• Fault (Yellow) • OK (Green)
6 – Output 2 status	• Fault (Yellow) • OK (Green)



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2401ST
LED INDICATION
AND FAULT DIAGNOSTICS

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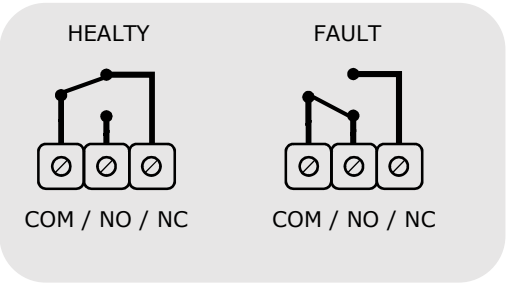
FAULT RELAY GUIDE

EPS relay	GEN relay	Condition	Possible Cause	Action
(COM TO N/C) CLOSED	(COM TO N/C) CLOSED	Normal operation.	Mains present & Battery healthy	None
(COM TO N/C) OPEN	(GEN TO N/C) CLOSED	Standby Mode.	Mains lost & Battery driving load	Investigate loss of mains
(COM TO N/C) CLOSED	(GEN TO N/C) OPEN	Fault Present.	Blown fuses or Battery fault or Internal PSU fault or	Investigate fault source using diagnostic LED & Rectify fault where possible
(EPS TO N/C) OPEN	(GEN TO N/C) OPEN	PSU Shutdown.	Mains lost or Standby battery exhausted.	Restore mains as soon as possible.

FAULT RELAY STATES

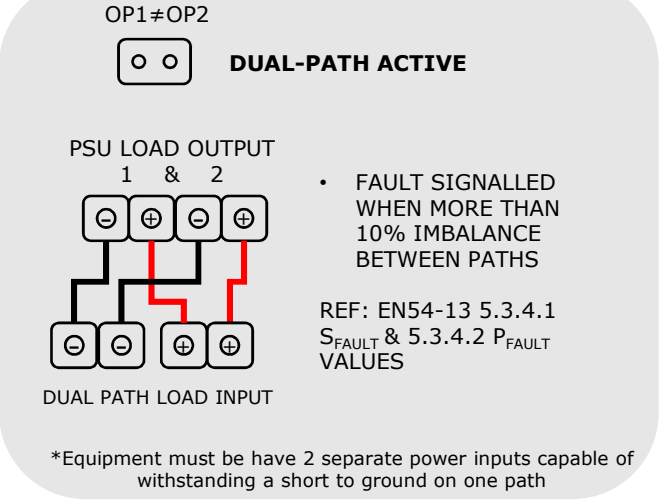


FAULT DIAGNOSTIC LED GUIDE

LED 4* Diagnostic (DIAG)	Condition	Possible Cause	Action
Flash x1	No Output	Output fuse fail or Output overload or Short circuit	Check and replace output fuse. Disconnect and test output load.
Flash x2	No Battery Low Battery Volts	Battery disconnected or Battery heavily discharged	Check battery connections Check battery fuse. Check battery condition / replace battery.
Flash x3	Battery Fault.	High impedance in battery connection or Battery internal fault (detected during load test)	Check battery connections for corrosion. Replace battery if aged.
Flash x4	Charger Fault.	Internal failure of battery charger	Return to manufacturer.
Flash x5	Battery Temperature Probe Fault.	Battery temperature monitor disconnected or damaged & PSU running in Safe Mode	Check temperature sensor connections and condition of sensor. Replace if suspect
Flash x6	Dual Path Fault.	Fault in output connections to the load (DUAL-PATH mode active ONLY)	Check all cables between PSU and load.

*when LED 4 is flashing, LEDs 1,5 OR 6 may be Green or Yellow

DUAL-PATH MODE FAULT SIGNALLING



*Equipment must be have 2 separate power inputs capable of withstanding a short to ground on one path