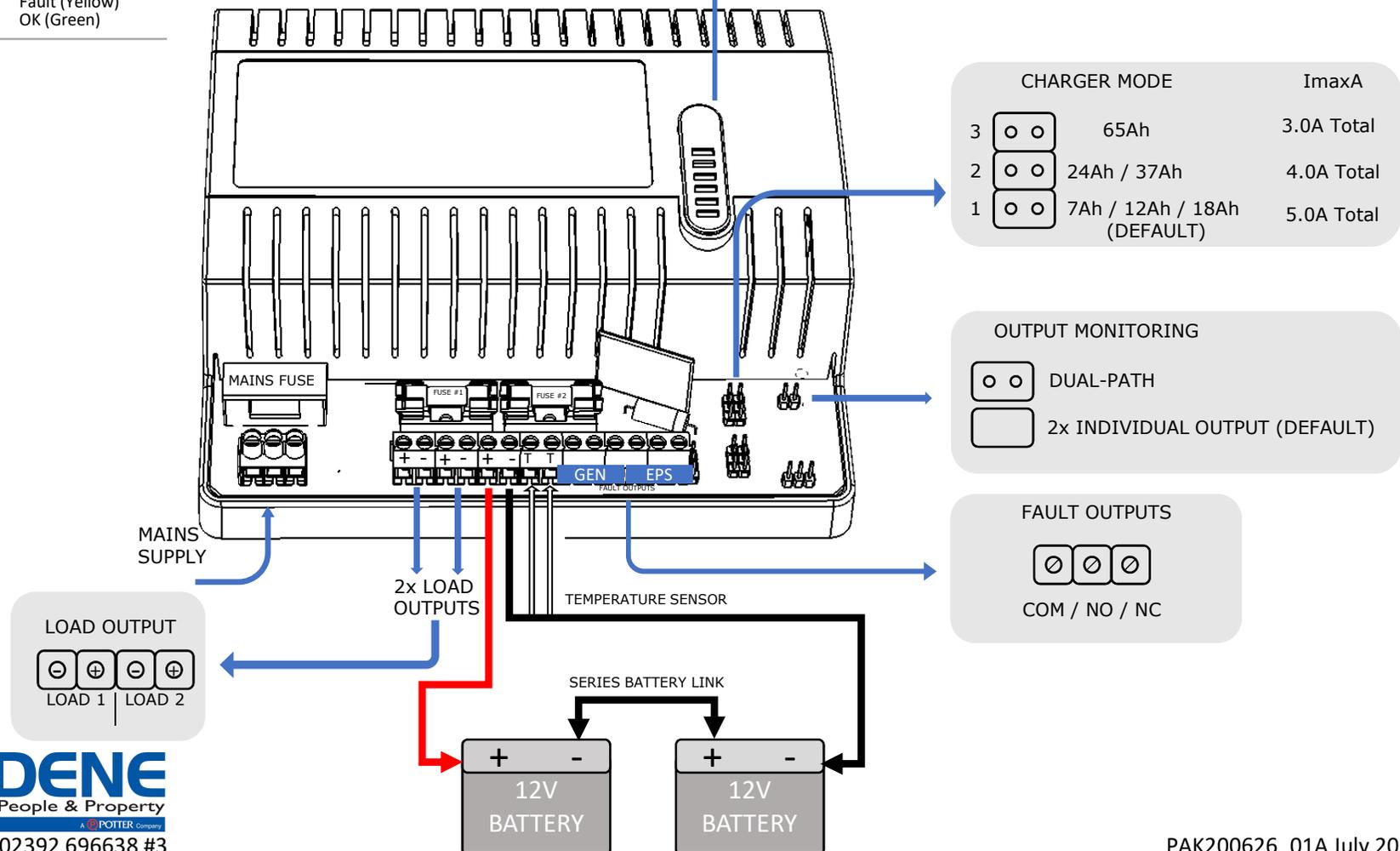


# 2405ST QUICK START GUIDE

You must read the full product guide before installation

Indicator	Functional states
1 - Mains status	<ul style="list-style-type: none"> <li>Fault (Yellow)</li> <li>OK (Green)</li> </ul>
2 - Battery status	<ul style="list-style-type: none"> <li>Battery Fault (Yellow)</li> <li>Charging (Flashing Green)</li> <li>Battery Charged (Green)</li> </ul>
3 - Fault status	<ul style="list-style-type: none"> <li>No Fault(s) (Off)</li> <li>GEN (PSU) Fault (Flashing Yellow)</li> </ul>
4 - Diagnostic ID	<ul style="list-style-type: none"> <li>See 'Status and Fault-Diagnostic LED Indication' table</li> </ul>
5 - Output 1 status	<ul style="list-style-type: none"> <li>Fault (Yellow)</li> <li>OK (Green)</li> </ul>
6 - Output 2 status	<ul style="list-style-type: none"> <li>Fault (Yellow)</li> <li>OK (Green)</li> </ul>



CHARGER MODE		ImaxA
3	<input type="checkbox"/> <input type="checkbox"/>	65Ah 3.0A Total
2	<input type="checkbox"/> <input type="checkbox"/>	24Ah / 37Ah 4.0A Total
1	<input type="checkbox"/> <input type="checkbox"/>	7Ah / 12Ah / 18Ah (DEFAULT) 5.0A Total

OUTPUT MONITORING	
<input type="checkbox"/> <input type="checkbox"/>	DUAL-PATH
<input type="checkbox"/>	2x INDIVIDUAL OUTPUT (DEFAULT)

FAULT OUTPUTS	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	COM / NO / NC

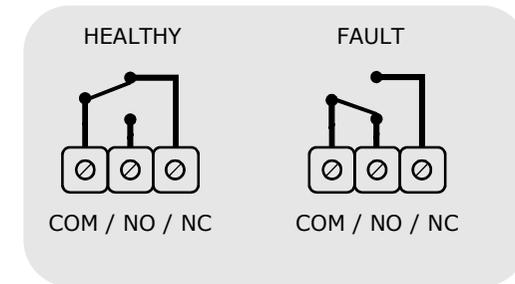
# 2405ST LED INDICATION AND FAULT DIAGNOSTICS



## 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	(COM TO N/c) CLOSED	Standby Mode.	Mains lost & Battery driving load	Investigate loss of mains
(COM TO N/c) CLOSED	(COM 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
(COM TO N/c) OPEN	(COM TO N/c) OPEN	PSU Shutdown.	Mains lost or Standby battery exhausted.	Restore mains as soon as possible.

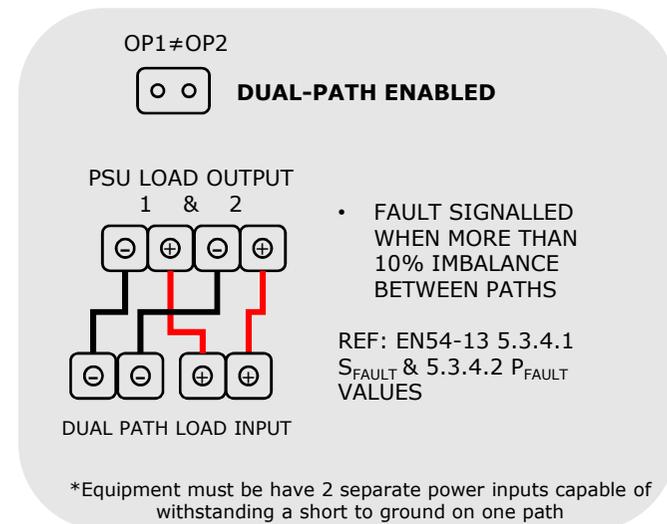
### FAULT RELAY STATES



### FAULT DIAGNOSTIC LED GUIDE

LED 4*	Condition	Possible Cause	Action
Diagnostic (DIAG)			
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.

### DUAL-PATH MODE FAULT SIGNALLING



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