



## Battery Backup PSU including Locking Lid with a 3 Year Warranty

### Features:

- High quality & reliability at a Low Cost
- European input voltage (200-240VAC)
- Class **I** Switch Mode Power Supply - must be earthed
- Green LED mains presence indicator
- Small footprint & integrated rear mounting holes for easy installation.
- Metal box with hinged lid & lock with room to house suitable battery below PSU.
- Built-in charging & battery protection circuit.
- Suitable for CCTV & Security applications
- 13.8VDC or 27.6VDC models available.
- CE & RoHS compliant
- 3 year warranty

### Specifications:

Please Note: Unit does not come with batteries. Must be purchased separately.



| Part Number                    |                    | T4920AD                                                                                                                   | T4921AD                                                                             | T4922AD                                                                             | T4923AD                                                                             | T4924AD                                                                               | T4925AD                                                                               | T4926AD                                                                               |
|--------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Output                         | Voltage            | 13.8Vdc                                                                                                                   |                                                                                     |                                                                                     |                                                                                     | 27.6Vdc                                                                               |                                                                                       |                                                                                       |
|                                | Max. Current       | 1.5A                                                                                                                      | 3A                                                                                  | 5A                                                                                  | 10A                                                                                 | 1.5A                                                                                  | 2.5A                                                                                  | 5A                                                                                    |
|                                | Min. Current       | 0A                                                                                                                        |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Power              | 20Watt                                                                                                                    | 42Watt                                                                              | 70Watt                                                                              | 140Watt                                                                             | 42Watt                                                                                | 70Watt                                                                                | 140Watt                                                                               |
|                                | Voltage Adjustment | +/- 5% via built-in voltage trimmer (manual adjustment)                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Battery Output     | 13.8Vdc or 27.6Vdc (depending on model) with battery connections clips (unit has a 6.3A battery protection fuse built-in) |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Line Regulation    | +/- 1%                                                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Load Regulation    | +/- 2%                                                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| Input                          | Mains Fuse         | 2A                                                                                                                        | 2A                                                                                  | 3A                                                                                  | 6A                                                                                  | 2A                                                                                    | 3A                                                                                    | 4A                                                                                    |
|                                | Voltage Range      | 195~253VAC                                                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Frequency          | 50~60Hz                                                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | In-Rush Current    | 40A (@ 230VAC full load cold start)                                                                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Hold Up Time       | 20ms @ 230VAC full load                                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Leakage Current    | Input-Output: 0.25A (no load)                                                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Efficiency         | >70%                                                                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| More                           | Suitable Battery   | 7Ah                                                                                                                       | 7Ah                                                                                 | 17Ah                                                                                | 42Ah                                                                                | 2 x 4Ah                                                                               | 2 x 7Ah                                                                               | 2 x 17Ah                                                                              |
|                                | Protections        | Over Load - 150% / Short Circuit Protection / Accidental inversion of battery clips                                       |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Operating Temp.    | 0 - 40°C                                                                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Operating Hum.     | 5 - 90% RH No Condensing                                                                                                  |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | MTBF               | 10 <sup>5</sup> Hours (@ 25°C)                                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | PSU Approvals      | Safety - EN60950 & GB4943-2001 / EMC - 55022                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|                                | Dimensions         | 240 x 225 x 80 mm                                                                                                         |                                                                                     |                                                                                     |                                                                                     | 310 x 240 x 80 mm                                                                     |                                                                                       |                                                                                       |
|                                | Weight             | approx. 1Kg (without battery)                                                                                             |                                                                                     |                                                                                     |                                                                                     | approx. 2Kg (without battery)                                                         |                                                                                       |                                                                                       |
| Download individual Data Sheet |                    |                                        |  |  |  |  |  |  |