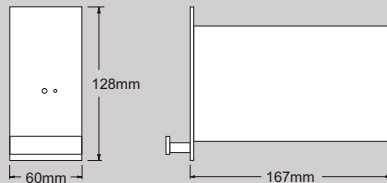


## Switch Mode Power Supply



- Designed to meet DIN standards mechanically and VDE standards electrically-European market.
- Wide acceptance range of input 90-264V AC.
- Wide choice of standard single and multi output models.
- Hold up time 20mS guaranteed at lowest line input.
- Line and load regulation better than  $\pm 2\%$ .
- Excellent step load transient response 100mV.
- Fully protected against overload and short circuit.
- Quality components, conserving ratings and ruggedised design for best long term value.

| MODEL                    | EU0512   | EU0520      | EU1205      | EU1208      |
|--------------------------|--|-------------|-------------|-------------|
| <b>Input Voltage</b>     | 90-264V AC, 1Phase                                   |             |             |             |
| <b>Input Frequency</b>   | 47-63Hz  |             |             |             |
| <b>Output Voltage</b>    | 4.5-5.5V   |             | 10.8-13.2V  |             |
| <b>Output Current</b>    | 12A  | 20A         | 5A          | 8A          |
| <b>Line Regulation</b>   | $\pm 0.2\%$  | $\pm 0.2\%$ | $\pm 0.2\%$ | $\pm 0.2\%$ |
| <b>Load Regulation</b>   | $\pm 0.2\%$  | $\pm 0.2\%$ | $\pm 0.2\%$ | $\pm 0.2\%$ |
| <b>Output Ripple</b>     | 1%   | 1%          | 1%          | 1%          |
| <b>Remote Sensing</b>    | Provided   |             |             |             |
| <b>Operating Temp.</b>   | 0-50°C   | 0-50°C      | 0-50°C      | 0-50°C      |
| <b>Protection</b>        | Overload/short circuit (Hicc up type)                |             |             |             |
| <b>Indication (LED)</b>  | O/P  |             |             |             |
| <b>Termination</b>       | 15 Pin connector provided                            |             |             |             |
| <b>Single Turn Pots</b>  | V Set  | V Set       | V Set       | V Set       |
| <b>Dimensions apprx.</b> | 60W x 128H x 167D (mm)<br>Depth excluding connectors |             |             |             |

| MODEL                    | EU1504                                | EU1508      | EU2425      | EU2405      |
|--------------------------|---------------------------------------|-------------|-------------|-------------|
| <b>Input Voltage</b>     | 90-264V AC, 1Phase                    |             |             |             |
| <b>Input Frequency</b>   | 47-63Hz                               |             |             |             |
| <b>Output Voltage</b>    | 13.5-16.5V                            |             | 23.0-25.0V  |             |
| <b>Output Current</b>    | 4A                                    | 8A          | 2.5A        | 5.0A        |
| <b>Line Regulation</b>   | $\pm 0.2\%$                           | $\pm 0.2\%$ | $\pm 0.2\%$ | $\pm 0.2\%$ |
| <b>Load Regulation</b>   | $\pm 0.2\%$                           | $\pm 0.2\%$ | $\pm 0.2\%$ | $\pm 0.2\%$ |
| <b>Output Ripple</b>     | 1%                                    | 1%          | 1%          | 1%          |
| <b>Remote Sensing</b>    | Provided                              |             |             |             |
| <b>Operating Temp.</b>   | 0-50°C                                | 0-50°C      | 0-50°C      | 0-50°C      |
| <b>Protection</b>        | Overload/short circuit (Hicc up type) |             |             |             |
| <b>Indication (LED)</b>  | O/P                                   |             |             |             |
| <b>Termination</b>       | 15 Pin connector provided             |             |             |             |
| <b>Single Turn Pots</b>  | V Set                                 | V Set       | V Set       | V Set       |
| <b>Dimensions apprx.</b> | 60W x 128H x 167D (mm)                |             |             |             |

| MODEL                     | EUQ0512  | EUT0515       | EUT1205                |
|---------------------------|--|---------------|------------------------|
| <b>Input Voltage</b>      | 90-264VAC, 1Phase                                    |               |                        |
| <b>Input Frequency</b>    | 47-63Hz  | 47-63Hz       | 47-63Hz                |
| <b>Output 1 Voltage</b>   | +5V  | +5V           | +12V                   |
| <b>Output 1 Current</b>   | 10A (Min. load of 1A)                                |               | 4A (Min. load of 0.5A) |
| <b>Output 2 Voltage</b>   | +12V   | +15V          | +5V                    |
| <b>Output 2 Current</b>   | 2.0A   | 1.0A          | 5.0A                   |
| <b>Output 3 Voltage</b>   | +12V   | -15V          | -12V                   |
| <b>Output 3 Current</b>   | 0.5A   | 1.0A          | 0.5A                   |
| <b>Output 4 Voltage</b>   | -5V  | N.A.          | N.A.                   |
| <b>Output 4 Current</b>   | 0.5A   | N.A.          | N.A.                   |
| <b>Line Regn. O/P 1-4</b> | $\pm 0.2\%$  | $\pm 0.2\%$   | $\pm 0.2\%$            |
| <b>Load Regn. O/P 1</b>   | $\pm 0.2\%$  | $\pm 0.2\%$   | $\pm 0.2\%$            |
| <b>Load Regn. O/P 2-4</b> | $\pm 1\%$  | $\pm 1\%$     | $\pm 1\%$              |
| <b>Output Ripple</b>      | 1% P-P   | 1% P-P        | 1% P-P                 |
| <b>Single Turn Pots</b>   | Set V (O/P 1)  | Set V (O/P 1) | Set V (O/P 1)          |
| <b>Remote Sensing</b>     | Provided   | Provided      | Provided               |
| <b>Operating Temp.</b>    | 0 to 50°C  | 0 to 50°C     | 0 to 50°C              |
| <b>Protection</b>         | Overload/short circuit (Hicc Type)                   |               |                        |
| <b>Indication (LED)</b>   | For O/P 1  |               |                        |
| <b>Termination</b>        | 15 Pin connector provided                            |               |                        |
| <b>Dimensions apprx.</b>  | 60W x 128H x 167D (mm)<br>Depth excluding connectors |               |                        |

*Note: Aplab limited reserves the right to specifications and are subject to change without notice. All dimensions are behind the panel 4 excluding legs.*



POWER CONTROLS & CONVERSION DIVISION

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