

|                                                           | 12V                                                                          | 24V        | 30V        | 36V        |
|-----------------------------------------------------------|------------------------------------------------------------------------------|------------|------------|------------|
| Available versions                                        | x                                                                            |            |            |            |
| Input voltage                                             | 90 - 264VAC                                                                  |            |            |            |
| Line frequency                                            | 47 - 63Hz                                                                    |            |            |            |
| Output voltage                                            | 12V ± 2.5%                                                                   | 24V ± 2.5% | 30V ± 2.5% | 36V ± 2.5% |
| Max output power                                          | 100W                                                                         | 120W       | 120W       | 120W       |
| Min. output current                                       | 0A                                                                           |            |            |            |
| Max. output current                                       | 8.33A                                                                        | 5A         | 4A         | 3.33A      |
| Load regulation (0 - 100% load. Measured on PSB)          | < 1%                                                                         |            |            |            |
| Mains regulation: (Mains variation: 90 - 264V, 100% load) | < 0,5%                                                                       |            |            |            |
| Ripple & Noise: (at 20MHz bandwidth)                      | < 100mV p-p                                                                  |            |            |            |
| Efficiency (at 100% load, 230V) approx.                   | 0.9                                                                          | 0.91       | 0.91       | 0.91       |
| Standby power                                             | <0.15W                                                                       |            |            |            |
| Average efficiency at 100%,75%, 50% and 25% load          | >89%                                                                         |            |            |            |
| Efficiency level VI                                       | Yes                                                                          |            |            |            |
| Switch frequency approx.                                  | 45kHz                                                                        |            |            |            |
| Overshoot (90 - 10% load variation)                       | < 300mV                                                                      | < 280mV    | < 280mV    | < 280mV    |
| Undershoot (10 - 90% load variation):- Measured on pcb    | < 300mV                                                                      | < 250mV    | < 400mV    | < 400mV    |
| Hold up time                                              | >15ms                                                                        |            |            |            |
| Temperature range                                         | -20 to +40oC +60oC                                                           |            |            |            |
| Derating                                                  | 2.5W/oC over 40oC                                                            |            |            |            |
| Safety                                                    | IEC 60601-1 3.1rd                                                            |            |            |            |
| Insulation class                                          | Class II or Class I                                                          |            |            |            |
| Insulation voltage: Primary – secondary                   | 4000VAC / 5700VDC                                                            |            |            |            |
| EMC standards                                             | EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1        |            |            |            |
| IP-degree                                                 | IP4X                                                                         |            |            |            |
| Input terminal                                            | 2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed wire |            |            |            |
| Output terminals                                          | Cord with/without plug. Exchangeable plugs available.                        |            |            |            |
| Dimensions                                                | 172.5 x 73 x 42mm                                                            |            |            |            |
| Weight                                                    | 530g.                                                                        |            |            |            |

|                                                              |                                                                              |
|--------------------------------------------------------------|------------------------------------------------------------------------------|
|                                                              | 48V                                                                          |
| Available versions                                           | x                                                                            |
| Input voltage                                                | 90 - 264VAC                                                                  |
| Line frequency                                               | 47 - 63Hz                                                                    |
| Output voltage                                               | 48V ± 2.5%                                                                   |
| Max output power                                             | 120W                                                                         |
| Min. output current                                          | 0A                                                                           |
| Max. output current                                          | 2.5A                                                                         |
| Load regulation (0 - 100% load.<br>Measured on PSB)          | < 1%                                                                         |
| Mains regulation: (Mains variation: 90<br>- 264V, 100% load) | < 0,5%                                                                       |
| Ripple & Noise: (at 20MHz bandwidth)                         | < 200mV p-p                                                                  |
| Efficiency (at 100% load, 230V)<br>approx.                   | 0.91                                                                         |
| Standby power                                                | <0.15W                                                                       |
| Average efficiency at 100%,75%, 50%<br>and 25% load          | >89%                                                                         |
| Efficiency level VI                                          | Yes                                                                          |
| Switch frequency approx.                                     | 45kHz                                                                        |
| Overshoot (90 - 10% load variation)                          | < 280mV                                                                      |
| Undershoot (10 - 90% load variation):-<br>Measured on pcb    | < 350mV                                                                      |
| Hold up time                                                 | >15ms                                                                        |
| Temperature range                                            | -20 to +40oC +60oC                                                           |
| Derating                                                     | 2.5W/oC over 40oC                                                            |
| Safety                                                       | IEC 60601-1 3.1rd                                                            |
| Insulation class                                             | Class II or Class I                                                          |
| Insulation voltage: Primary –<br>secondary                   | 4000VAC / 5700VDC                                                            |
| EMC standards                                                | EMC med. EN 60601-1-2 / Emission EN 61000-6-3 / Immunity EN 61000-6-1        |
| IP-degree                                                    | IP4X                                                                         |
| Input terminal                                               | 2-pins IEC320 C8 connector / 3-pins IEC320 C14 connector / 3-pins fixed wire |
| Output terminals                                             | Cord with/without plug. Exchangeable plugs available.                        |
| Dimensions                                                   | 172.5 x 73 x 42mm                                                            |
| Weight                                                       | 530g.                                                                        |