

| SPECIFICATIONS FOR 3520                                   | 5V                                                  | 12V                                 | 16V        | 24V      | 48V      |
|-----------------------------------------------------------|-----------------------------------------------------|-------------------------------------|------------|----------|----------|
| Available versions                                        |                                                     | x                                   |            |          |          |
| Input voltage:                                            | 198 - 264V AC 260 - 340V DC                         |                                     |            |          |          |
| Line frequency:                                           | 47 - 50Hz                                           |                                     |            |          |          |
| Output voltage, nominal:                                  | 5V                                                  | 12.5V                               | 16V        | 24V      | 48V      |
| Output voltage, adjustable:                               | 5 – 6.5V                                            | 12 -13.2V                           | 15.5 - 18V | 22 - 26V | 46 - 50V |
| Max output power:                                         | 140W                                                | 213W continuous - 265W intermittent | 260W       | 265W     | 250W     |
| Min. output current:                                      | 0A                                                  |                                     |            |          |          |
| Max. output current:                                      | 20A                                                 | 17A continuous - 20A intermittent   | 16A        | 10A      | 5.2A     |
| Load regulation (0 - 100% load. Measured on PSB):         | <1.5%                                               | < 0.5%                              | < 0.3%     |          | <0.3%    |
| Mains regulation: (Mains variation: 90 - 264V, 100% load) | <0.1%                                               | < 0.1%                              |            |          | <0.1%    |
| Ripple & Noise: (at 20MHz bandwidth)                      | < 20mV p-p                                          |                                     |            |          |          |
| Efficiency (at 100% load, 230V) approx.:                  | 0.88                                                | 0.92                                | 0.93       |          | 0.92     |
| Efficiency level:                                         | ErP / VI (for DoE & CEC)                            |                                     |            |          |          |
| Switch frequency approx.:                                 | 65kHz                                               |                                     |            |          |          |
| Overshoot (90 - 10% load variation):                      | < 300mV                                             |                                     |            |          |          |
| Undershoot (10 - 90% load variation):<br>Measured on pcb  | < 300mV                                             |                                     |            |          | < 200mV  |
| Hold up time:                                             | >20ms                                               |                                     |            |          |          |
| Temperature range:                                        | -20 to +40oC +60oC                                  |                                     |            |          |          |
| Derating:                                                 | 6.5W/oC over 40oC                                   |                                     |            |          |          |
| Safety:                                                   | EN60601-1                                           |                                     |            |          |          |
| Insulation class:                                         | Class II                                            |                                     |            |          |          |
| Insulation voltage: Primary – secondary:                  | 4000VAC / 5700VDC                                   |                                     |            |          |          |
| EMC standards:                                            | EN 60601-1-2: 2015 (Edition 4)                      |                                     |            |          |          |
| IP-degree                                                 | With 2 pin IEC 60320: IP41. With mains cable: IP44. |                                     |            |          |          |
| Input terminal                                            | 2 pin IEC60320 or mains cable                       |                                     |            |          |          |
| Output terminals:                                         | Secondary cable with open ends.                     |                                     |            |          |          |
| Dimensions:                                               | 210 × 113 × 53mm                                    |                                     |            |          |          |
| Weight:                                                   | 1400g                                               |                                     |            |          |          |