

**KRITSNAM TECHNOLOGIES**  
SMPS Manufacturer

|                                    |  |                                                                                                 |
|------------------------------------|--|-------------------------------------------------------------------------------------------------|
| Technical Data                     |  | KRL-600-15                                                                                      |
| Input Data                         |  |                                                                                                 |
| AC-Input Voltage                   |  | AC 360-500V (2-Phase)                                                                           |
| DC-Input Voltage                   |  | DC 540-710V                                                                                     |
| EN61000-3-2(PFC-Norm)              |  | Not-fulfilled                                                                                   |
| Harmonic Correction                |  | Passive                                                                                         |
| Power Factor                       |  | 0.52                                                                                            |
| Peak turn on current               |  | 30A                                                                                             |
| External Input Fuse Recommendation |  | min. -6A                                                                                        |
| Output Data                        |  |                                                                                                 |
| nominal Voltage                    |  | 15Vdc                                                                                           |
| Adjustment Range                   |  | 12.5-17.5V                                                                                      |
| Output Current Range               |  | 40-34.2A                                                                                        |
| Output Current                     |  | 34.2A at 17.5V<br>40A at 15V                                                                    |
| Output Power                       |  | 600W                                                                                            |
| Max. Ripple                        |  | 150mVpp                                                                                         |
| Max Peak output current            |  | 150% (capacitive load) for 300ms                                                                |
| Overview                           |  |                                                                                                 |
| Size (LxWxH)                       |  | 235mm x 125mm x 65mm                                                                            |
| Operat. Temperature Range          |  | +55°C                                                                                           |
| Efficiency, typ.                   |  | 85-89%                                                                                          |
| Power Losses, typ.                 |  | 90W                                                                                             |
| Protections                        |  | -Over current above 45A<br><br>-Short circuit-retry every 1.5sec<br><br>-Input Transient 680VAC |