

**KRITSNAM TECHNOLOGIES**  
SMPS Manufacturer

|                                    |  |                                                                  |
|------------------------------------|--|------------------------------------------------------------------|
| Technical Data                     |  | KRP-720-36                                                       |
| Input Data                         |  |                                                                  |
| AC-Input Voltage                   |  | AC 160-280V                                                      |
| DC-Input Voltage                   |  | DC 225-400V                                                      |
| Harmonic Correction                |  | Passive                                                          |
| Power Factor                       |  | 0.52                                                             |
| Peak turn on current               |  | 30A                                                              |
| External Input Fuse Recommendation |  | min. -6A                                                         |
| Output Data                        |  |                                                                  |
| Nominal Voltage                    |  | 36VDC                                                            |
| Adjustment Range                   |  | 34-38V                                                           |
| Output Current Range               |  | 18.95A - 20A                                                     |
| Output Current                     |  | 18.95A at 38V<br>20A at 36V                                      |
| Output Power                       |  | 720W                                                             |
| Max. Ripple                        |  | 360mVpp                                                          |
| Max Peak output current            |  | 150% (capacitive load) for 300ms                                 |
| Overview                           |  |                                                                  |
| Size (LxWxH)                       |  | 235mm x 125mm x 65mm                                             |
| Line & Load Regulation             |  | <1%                                                              |
| Efficiency, typ.                   |  | 88.4                                                             |
| Power Losses, typ.                 |  | 53W                                                              |
| Protections                        |  | -Short circuit-retry every 1.5sec<br><br>-Input Transient 410VAC |