

**KRITSNAM TECHNOLOGIES**  
SMPS Manufacturer

<b>Technical Data</b>	KRP-1000-42
<b>Input Data</b>	
<b>AC-Input Voltage</b>	AC 180-280V
<b>DC-Input Voltage</b>	DC 250-400V
<b>EN61000-3-2(PFC-Norm)</b>	Not-fulfilled
<b>Harmonic Correction</b>	passive
<b>Power Factor</b>	0.52
<b>Peak turn on current</b>	30A
<b>External Input Fuse Recommendation</b>	min. -6A
<b>Output Data</b>	
<b>nominal Voltage</b>	42Vdc
<b>Adjustment Range</b>	40-44V
<b>Output Current Range</b>	24-22.72A
<b>Output Current</b>	24A at 42V 22.72A at 44V
<b>Output Power</b>	1000W
<b>Max. Ripple</b>	360mVpp
<b>Max Peak output current</b>	150% (capacitive load) for 300ms
<b>Overview</b>	
<b>Size (LxWxH)</b>	310mm x 165mm x 80mm
<b>Operat. Temperature Range</b>	+55°C
<b>Efficiency, typ.</b>	84-88%
<b>Power Losses, typ.</b>	150W TYP.
<b>Protections</b>	-Short circuit-retry every 1.5sec -Input Transient 310VAC

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