

VP R3-300 & R3-450 Series Telecoms PSUs

Multi Output – 300W & 450W Variants

Rack mounting – various formats

Telecoms 48/60Vdc input

Hot Pluggable

High efficiency

PSU Good Output



<p>INPUT</p> <p><i>Input Voltage</i> ~ 36 –75Vdc range:</p> <p><i>Off Load input</i> ~ +195mA</p> <p><i>Inrush current limit</i> ~ 20A max</p> <p><i>Dual redundant input</i> .</p> <p><i>BITE</i> ~ Front panel indicator Failure. (90% coverage)</p> <p><i>Input Connector</i> ~ DIN 41612</p> <p><i>Output Connector</i> ~ DIN 41612</p>	<p>GENERAL</p> <p><i>Workmanship</i> ~ IPC – A-610 rev D</p> <p><i>Efficiency</i> ~ 80% typ</p> <p><i>EMC</i> ~ Inputs filtered for compliance to ETSI specs</p> <p><i>Environmental</i> ~ -0 to +75C (2 m/s airflow)</p> <p><i>Dimensions/Variants</i> 300W Unit: Option 1: Maximum Dimensions H x L x W (including front panel & connectors): 250mm x 225mm x 30mm. Option 2: Maximum Dimensions H x L x W (including front panel & connectors): 250mm x 225mm x 60mm. 450W Unit: Option 1: Maximum Dimensions H x L x W (including front panel & connectors): 250mm x 225mm x 60mm. Option 2: Maximum Dimensions H x L x W (including front panel & connectors): 332mm x 225mm x 45mm.</p> <p><i>Mounting</i> ~ Pluggable Mezzanine card</p>
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<p>MAIN OUTPUTS (300W & 450W variants)</p> <p>+5V ~ 30A</p> <p>+15V ~ 10 A</p> <p>-15V ~ 10A</p> <p><i>Load Regulation</i> ~ <1%</p> <p><i>Line Regulation</i> ~ <0.1%</p> <p><i>Temperature Reg</i> ~ 25 ppm/C</p> <p><i>Output Ripple</i> ~ 1% pk to pk</p>	<p>Features</p> <p><i>Dual Redundant and N+1 Paralleling</i></p> <p><i>Enable & BITE/Power-Good Output Signals</i></p> <p><i>SC Protection</i> ~ on all outputs</p> <p><i>I2C Inventory</i></p> <p><i>Fully customisable – other output voltages/currents available on request</i></p>
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