HGMM simplifies AC-DC power supply designs

Need an Avionic AC-DC power supply? Look no further, Gaia Converter the High Rel Power modules specialist, has extended its HGMM AC-DC Front-end module offering with the 150W ½ brick.

For all power needs from 35 to 350W or more, Gaia Converter's state of the art 35W, 150W & 350W PFC modules comply with with the latests standards DO-160E, ABD100, AMD-24, or MIL-STD-704F.

This HGMM series offers the unique market solution to comply with DO-160 & ABD100 Individual Current Harmonic (ICH) requirements in this power range:

All 3 modules are available for 115Vac single phase & 360-800Hz wide frequency range with efficiencies as high as 93 percent. 47-440 Hz & universal 85-265 Vac / 45-65 Hz also available.

- The HGMM – 35W has 1500V isolation and 2 independent 17V outputs for highly compact low power designs in a standard 2''x3'' package.

- The HGMM Series 150W & 350W are non isolated ½ bricks 375V output to be paired with other isolated DC-DC modules such as the Gaia Converter High Voltage series (MGDS 75, 150 or 175W).

Additional key features include active inrush current limitation, output over load protection, short circuit protection, inhibit function. HGMS – 150 & 350 models also provide a Drive signal to control additional DC-DC modules, and a 7.5Vdc reference.

GAÏA Converter
http://www.gaia-converter.com/ [1]

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