

Flatpack 2 2U Integrated

Higher density and more compact power solutions

The Flatpack2 2U Integrated has been specifically designed to meet the demand for higher density and more compact power solutions. It is suitable for applications needing an expandable, easily serviceable and reliable power supply, fitting within a minimal space



FLATPACK2, 2U INTEGRATED

Doc 200010.DS3 – rev5

PRODUCT DESCRIPTION

The Flatpack2 2U Integrated is a compact power system containing a Monitoring and Control Unit (Smartpack), LVD, battery and load MCBs. It can house up to 4 Flatpack2 rectifier modules. Switch mode technology with resonant topology and high switching frequency is used to minimize volume and weight and to obtain high reliability. The system accepts large variations on the input voltage (85-300 VAC) and draws sinusoidal current with a soft start power-up.



APPLICATIONS

Wireless, fiber and fixed line communication

Today's communications demand state of the art, cost efficient and compact DC power systems. Flatpack2 delivers the industry leading power density of 21W/in³ and superb reliability at lowest lifetime cost

Broadband and network access

Increasing network speed demands flexible and expandable DC power solutions. Flatpack2 is your key building block for future needs.

KEY FEATURES

- **HIGHEST EFFICIENCY IN MINIMUM SPACE**
Resonant topology makes the module efficiency industry leading and contributes to the rectifier's ultra compact dimensions
- **DIGITAL CONTROLLERS**
Primary and secondary controls are digitalized, enabling excellent monitoring and regulation
- **HEAT MANAGEMENT**
Front-to-back air flow with chassis-integrated heat sinks gives the module the most suitable working environment.
- **UNIQUE CONNECTION**
A true plug-and-play connection system: time-to-install and cost-reducing solution.
- **GLOBAL APPROVALS**
CE marked, UL recognized and NEBS certified for world wide installation.

