

**DO YOU NEED AMPS,  
WANT TO KEEP CONTROL,  
HAVE ONLY LIMITED SPACE?**

THE GREATEST WALL MOUNTED SOLUTION IN  
**INDUSTRIAL** DC POWER





# FROM 10 TO 168 AMPS MULTIPLE OUTPUT VOLTAGES

## INDUSTRIAL – POWER GENERATION & DISTRIBUTION, PROCESS INDUSTRY, RAIL, MARINE & OFFSHORE

Increasing demand for reliable DC power with or without battery backup, makes the new system the ideal choice in the lower power ranges.

### FLATPACK2 VERSION

The basic power core has 2 rectifier positions, a Smartpack2 controller and a bulk DC output feed, with optional DC distribution. The power core is suitable for any Flatpack2 rectifier module and the system output can be based on any of the following modules:

- >> 24V/75A (1800W) – 168A (4000W)
- >> 48V/41,6A (2000W) – 125A (6000W)
- >> 60V/33,3A (2000W) – 66,6A (4000W)
- >> 110V/16,8A (2000W) – 33,6A (4000W)
- >> 125V/16A (2000W) – 32A (4000W)
- >> 24V/40A Constant Current Module
- >> 48V/15A Constant Current Module
- >> 110V/10A Constant Current Module

### MICROPACK VERSION

The basic power core has 4 rectifier positions, a Compack controller and a bulk DC output feed and optional DC distribution. The power core is suitable for any Micropack rectifier module and the system output can be based on any of the following modules:

- >> 12V/120W/10A – 480W/40A
- >> 24V/240W/10A – 960W/40A
- >> 48V/250W/5,2A – 1000W/20,8A

# FULL MONITORING & CONTROL

- >> Graphical TFT high contrast, high resolution colour display
- >> Icon based operation via touch pad
- >> 6 x Alarm relays
- >> 6 x Digital or analogue inputs
- >> 3 x Temp input
- >> 3 x LVD control
- >> Ethernet for remote monitoring and control



New features and a new look on a well-tested control platform Smartpack2 is built on the long term proven software platform that was isused in Smartpack, making it reliable and robust. Increased program memory and new hardware allows for more features and improved user interface. The new modular concept of the control system simplifies connectivity.

## SIMPLIFIES OPERATION IN LARGE MULTISITE SYSTEMS

Smartpack2 offers many offsite benefits when it is connected to the internet. View the system status, change parameters and receive alarms at a multisite management center. Use features as battery lifetime estimations, fuel consumption through tank level measurement and generator runtime, to plan for site service. Use the energy logs to document and to plan for site upgrades.



SMARTPACK2 „WEB SERVER“



# ULTRA COMPACT DESIGN

The small system dimensions are ideal for locations with limited space.

## DIMENSION

452 x 200x450mm (W x D x H)

## WEIGHT (EXCL. RECTIFIERS)

Approx. 5kg

## BULK-FEED OR INTEGRATED DISTRIBUTION

The system comes with a bulk output DC feed, but can be configured with integrated load and battery distribution to meet your power solution requirements.

## HEAT MANAGEMENT

The box is optimized both for Micropack with its natural convection cooling and for Flatpack2 with its horizontal right to left fan cooling.

## UNIQUE INSTALLATION

Despite the compact design - easy installation. Removable front cover gives good access for installation and connections. Combined with true plug-and play modules, this gives short cost effective time-to-install.

## GLOBAL APPROVALS

CE marked for worldwide installation.

THE NEW

# WALLBOX

## THE ULTRA COMPACT MULTI VOLTAGE POWER SUPPLY SYSTEM

The Flatpack2HE - and Micropack wallbox are designed for industrial and telecom applications with power requirements in the range of 0,25 - 6kW. With its compact design and simple installation, it makes it a powerful wall mounted DC power supply package.

## FLATPACK2HE VERSION WITH HE TECHNOLOGY

HE rectifiers reduce energy waste, through a unique design that boosts AC to DC conversion efficiency to 96%, compared to 92% in our current industry-leading systems. The rectifiers were created through a multi-year technology investment that has more than seven patents pending. They are fully compatible with and easily integrated into existing Eltek Valere systems.

The business case for the HE rectifier is formidable. With energy waste slashed in half, you can save the entire cost of the unit in three to five years. With the savings on cooling added, the payback time can be even shorter. The cost savings of each unit stack up rapidly when multiplied on a network scale.

For more information about our new Wallbox, please contact your Eltek Valere local sales representative!



[www.elteckvalere.com](http://www.elteckvalere.com)



ELTEK VALERE  
always **on**