

Compact HE Stand-Alone PR

The Flatpack S Stand-Alone Power Rack is designed to be an easy to place, high efficient DC power solution. It can house 2 Flatpack S rectifiers, and up to 3 units can easily be stacked together. Due to its small size, flexible mounting options and reliability, this unit is a key for future needs.



FLATPACK S STAND-ALONE PR

24V / 48V – 2R

Doc 241122903.DS3 – v2

APPLICATIONS

OFFSHORE AND PROCESS INDUSTRY

- SAFETY AND AUTOMATION SYSTEMS (SAS)

RAILWAY INFRASTRUCTURE

- CONTROL AND PROTECTION
- SIGNALLING

TELECOM – FIXED

- FIBER OPTICS / FTTX
- MICROWAVE
- CABLE
- BROADBAND

TELECOM – MOBILE / WIRELESS

- BROADBAND
- LTE/4G/WIMAX



KEY FEATURES

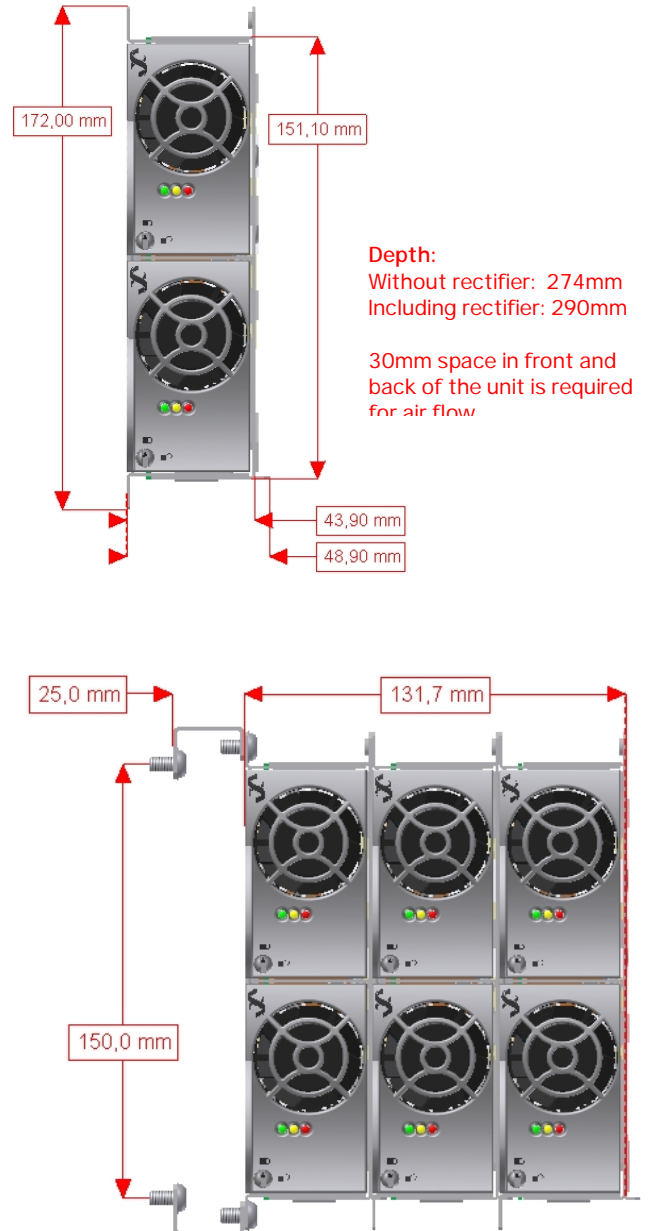
- COMPACT HE POWER RACK
- HOT PLUGGABLE RECTIFIERS
 - FPS 24/1000 HE SIL3 OVP
 - FPS 24/1000 HE
 - FPS 48/1000 HE
 - FPS 48/1800 HE
- EASY TO PLACE
- EASY TO EXPAND
 - UP TO 3 UNITS CAN BE STACKED
- EASY TO CONNECT
 - FLYING LEADS ON INPUT
- 274 MM DEPTH
- OPTIONAL CONTROLLER (EXTERNAL)
 - COMPACT
 - SMARTPACK S PANEL MOUNT
 - SMARTPACK 2
- FLOATING OUTPUT
 - 48V UP TO 10,2kW
 - 24V UP TO 6kW

FLATPACK S 1U SYSTEMS

24V / 48V - 2R

| | |
|---|---|
| Model | FPS 2R power rack |
| Part number | 241122.903 |
| INPUT DATA | |
| Maximum voltage | 305 V _{AC} / 400V _{DC} ¹⁾ |
| Maximum current | 12A _{rms} per feed ¹⁾ |
| Mains configuration | 230V _{AC} , 2 x single phase + PE (individual feed) |
| Mains connection | Flying leads 1,5mm ² length 2 meter |
| Frequency | 45 to 66Hz |
| OUTPUT DATA | |
| Maximum voltage | 60V _{DC} |
| Maximum current | 85A |
| Connections | M6 cable lug |
| CONTROL & MONITORING | |
| Controller options (external) | Compack Smartpack S, Smartpack 2 |
| Interface | RJ45 for paralleling units and connect controller |
| Alarm connection | 3-pin, galvanic isolated, max 60V _{DC} / 100mA |
| MECHANICAL DATA | |
| Dimensions | See figures for details |
| Weight | 0,910kg |
| MOUNTING | |
| For wall mount or mounting plate. The unit can be mounted horizontally or vertically left or right. Additional brackets are used for 25 mm pitch and offset arrangements. Up to 3 Power Racks can be stacked. | |
| DESIGN STANDARDS | |
| Electrical safety | UL60950-1 2ed / IEC60950-1 |
| EMC | ETSI EN 300 386 V.1.6.1 EN 61000-6-1 EN 61000-6-2 EN 61000-6-3 EN 61000-6-4 |
| Environment | ETSI EN 300 019-2-1(Cl.1.2) ETSI EN 300 019-2-2(Cl.2.3) ETSI EN 300 019-2-3(Cl.3.2) |
| Vibration | According to DNV 2,4 |

DIMENSIONS



OPTIONAL CONTROLLERS



COMPACT



SMARTPACK S PANEL MOUNT



SMARTPACK 2