

Wall Mount Power System 4.0kW 48V DC and 2.1kW 24V DC

Enatel's wall mount DC power systems range in power output from 0.9kW to 4.0kW and have a maximum output current of 83A. They are the ideal solution to meet the requirements of industrial and telecommunications applications such as telecom access, micro and pico sites and electrical substation battery management and charging.

Utilizing Enatel's intelligent controllers and modular rectifiers our standalone wall mount DC power systems have been designed to be easily installed onto a surface when 19" rack space is unavailable. Enatel's wall mount DC power systems can be customized and configured to meet the individual requirements of each customer.

Enatel's wall mount DC power systems are fan cooled and supplied with a durable easy clean air filter that requires minimal maintenance.

If you require any further information on Enatel's all new range of wall mount DC power systems contact us today.

- Available in 48V and 24V DC versions.
- World leading power density.
- Fully featured telecom grade rectifiers.
- Large visible display.
- Network monitoring available.
- Wall Mount gives the flexibility to have additional equipment in a 19" cabinet.
- Hot swappable rectifiers for no break replacement under load.
- Easily customized and configured to suit each customer's individual needs.
- N+1 configuration available for requirements under 2.0kW.



Specifications

AC Input:	Single phase with MOV and input 32A MCB (refer to Rectifier series brochures for full details)
Frequency Range:	45-66Hz
Power Factor:	>0.99 (full load)
Efficiency:	>92% (>50% power output)
Termination:	Single phase. Direct MCB termination for L. 10mm ² N, E tunnel terminals.
DC Output Nominal Voltages:	-48V, 24V
Max Rated System Output Power:	-48V System 4000W @ -48V DC, 83A max.
Polarity:	Positive earth. 1x RM3048 3000W rectifier, or 2x RM2048 2000W rectifiers. 24V System 2140W @ +24V DC, 80A max.
Polarity:	Negative Earth. 1x RM2324 2140W rectifier, or 2x RM1848/24 900W rectifiers.
DC Distribution:	
Load:	Max 8x 18mm MCB load circuit breakers.
Battery:	Max 2x 18mm MCB load circuit breakers.
Breaker Fail Detection:	Electronic fuse fail. (Auxiliaries optional)
DC Terminals:	Live: Direct MCB connections.
Load:	Common: 16mm tunnel terminals.
Battery:	Common: 35mm tunnel terminals.
Low Voltage Disconnect:	80A battery LVD fitted as standard on -48V and 24V systems.
Weight:	Approx. 10.5Kg
Dimensions (L, H,W):	620mm x 375mm x 80mm
Shipping Dimensions (L, H,W):	730mm x 470mm x 200mm
Monitoring and Control:	Various monitoring options via the Enatel SM30 series of control & supervisory modules. Standard features include full temperature compensation, automated and manual battery testing/equalisation and three voltage-free relay alarm outputs. Options include extension remote I/O PCBs that give an extra 6x digital inputs, 6x analogue inputs and 8x voltage-free relay outputs. For further details, refer to the SM30 series of brochures.
Part Numbers:	Generic part numbers shown below. Actual part numbers will vary with configuration.
PSW-4204810-000:	48V, 2x 2000W rectifiers, SM31 supervisory module.
PSW-4204820-000:	48V, 2x 2000W rectifiers, SM32 supervisory module. (Remote communication via SNMP)
PSW-3104810-000:	48V, 1x 3000W rectifier, SM31 supervisory module.
PSW-3104820-000:	48V, 1x 3000W rectifier, SM32 supervisory module. (Remote communication via SNMP)
PSW-2102410-000:	24V, 1x 2100W rectifier, SM31 supervisory module.
PSW-2102420-000:	24V, 1x 2100W rectifier, SM32 supervisory module. (Remote communications via SNMP)
PSW-2202410-000:	24V, 2x 900W rectifiers, SM31 supervisory module.
PSW-2202420-000:	24V, 2x 900W rectifiers, SM32 supervisory module. (Remote communication via SNMP)

