



## Wall Mount Rectifier System 0.8 to 4.0kW 120V, 48V and 24V DC

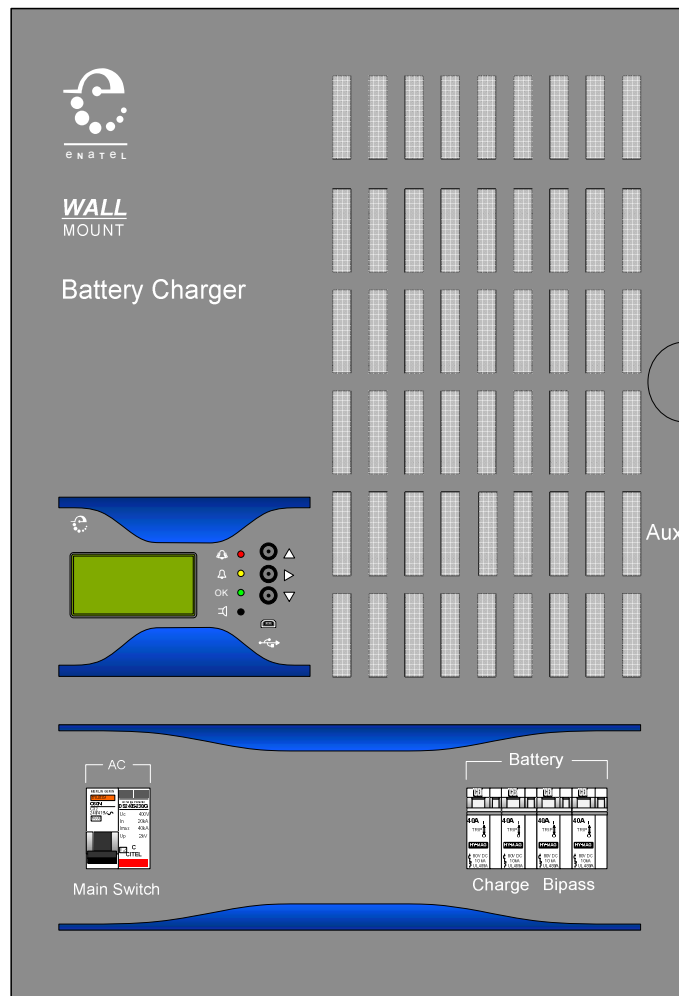
Enatel's Wall Mount DC Power Systems range in power output from 0.8kW to 4.0kW and have a maximum output current of 83A. They are the ideal solution to meet the requirements of industrial and telecommunications applications' such as electrical substation and telecom micro/pico base station battery management 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 or used as a mobile charger. 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 120V, 48V and 24V DC versions.
- World leading power density.
- Fully featured telecom grade rectifiers.
- Large Visible Display in English, Chinese, Spanish and Russian.
- Network monitoring available.
- Earth Leakage Detection.
- Wall Mount option gives the flexibility to have additional equipment in an 19" cabinet.
- Optional 175A power connectors for ease of connection.
- Rectifiers can be replaced under load for no break operation.
- Easily customized and configured to suit each customers individual needs.



**WALL  
MOUNT**



SMART  
power design



## 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:	>91% (>50% power output)
Termination:	Single phase, 10mm <sup>2</sup> L, N, E tunnel terminals
DC Output	Nominal Voltages: 120V, -48V, 24V
Max Rated System Output Power:	<b>120V System</b> 3000W @ 120V max 160V; 1x 3000W RM30110 Rectifier. Isolated Output.
Polarity:	
	<b>-48V Systems</b> 4000W @ -48V Positive earth 2x 2000W Rectifiers or Positive earth 3x 800W Rectifiers
Polarity:	
	<b>24V System</b> 3600W @ +24V Negative Earth 2x 1800W Rectifiers
DC Distribution:	
Load:	Max 6x 63A load circuit breakers (Optional).
Battery:	Max. 3x 63A battery circuit breakers 2 pole.
Breaker Fail Detection:	Auxiliaries on battery breakers.
DC Terminals:	Direct MCB connections or optional 175A Power Connectors.
Low Voltage Disconnect:	80A battery LVD fitted as standard on -48V and 24V Systems
Earth Leakage Detection:	Configurable via software factory set to 25mA.
Weight:	1.2kg (Excluding Rectifier Modules)
Shipping Dimensions LxHxW:	600mm x 400mm x 90mm
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 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:	
PSW30112031-000	Wall Mount Power System 1 x 120V RM30110 Rectifier including standard SM33 supervisory module with I/O board.
PSW30104810-001	Wall Mount Power System 1 x -48V RM3048 Rectifier including standard SM31 supervisory module.
PSW40204820-000	Wall Mount Power System 2 x -48V RM2048 Rectifier including standard SM32 supervisory module with LVD.
PSW24304810-000	Wall Mount Power System 3 x -48V RM848 Rectifier including standard SM31 supervisory module with LVD.
PSW40202420-000	Wall Mount Power System 2 x 24V RM2024 Rectifier including standard SM32 supervisory module with LVD.

