



PSW Series Wall-Mount Power System

Fan-Cooled

6.0kW
MAX

24V
OUT

48V
OUT

110V
OUT

The ideal battery charging solution for utility protection and control equipment all within a wall-mountable power enclosure which can be customized and configured to individual customer requirements.

These systems are configured using Enatel's state-of-the-art high-frequency switch-mode rectifier modules and intelligent network-capable controllers including built-in load and battery distribution, AC input isolation and surge suppression.

New Zealand-made to guarantee design, manufacture and process integrity, our robust proven conversion topology utilizes only the highest specification components, ensuring unparalleled reliability benefits.

KEY FEATURES

- World-leading power density
- Fully featured industrial-grade rectifiers
- Large visible display
- Network monitoring available
- Earth leakage detection from 110V DC
- Built-in AC surge suppression
- Wall-mount gives the flexibility to have additional equipment in a 19" cabinet
- Optional 175A power connectors for ease of connection
- Easily customized and configured to suit each customer's individual needs



6.0kW
MAX **24V** OUT **48V** OUT **110V** OUT

Specifications

ELECTRICAL		PSW03	PSW06	PSW03 HV
AC Input:		Single phase with SPD		
Power Factor:		>0.99 (full load)		
DC Output	Nominal Voltage: Max Output Power: Polarity:	24V DC 3.0kW -ve Earth	48V DC 6.0kW +ve Earth	110V DC 3.0kW Floating
DC Distribution:	Loads: Battery:	Up to 8 x 18mm MCBs 2 x 18mm	Up to 8 x 18mm MCBs 2 x 18mm	1 x 2 pole MCB 1 x 2 pole MCB
Breaker Fail Detection:		Electronic	Electronic	Auxiliary
DC Terminals:	Live: direct to MCB Common: tunnel	Live: direct to MCB Common: tunnel	Live: direct to MCB Common: direct to MCB	
Monitoring Options:	SM31/32	SM31/32	SM33/34	
Rectifier Options:	RM1524HE	RM2048HE RM3048HE	RM30110	
ENVIRONMENTAL REQUIREMENTS				
Ambient Temperature:		-20°C to +70°C (maximum output power is derated above +55°C)		
MECHANICAL		COMPLIANCES		
Dimensions (W, H, D):		Safety: EN60950		
Weight:		Other: CE & RoHS compliant		
PART NUMBERS				
PSW03 HV:		Wall mount system: 1x 3kW 110V DC modular rectifier, 1x 2P load, 1x 2P battery MCBs, SM34 supervisory module		
PSW03:		Wall mount system: 2x 1.5kW 24V DC modular rectifier, 8x load, 2x battery MCBs, SM32 supervisory module		
PSW06:		Wall mount system: 2x 3kW 48V DC modular rectifier, 8x load, 2x battery MCBs, SM32 supervisory module		
CONFIGURATION OPTIONS				
Battery Condition Monitor:		ASM-ABM24:		



Contact Power On Australia for datasheets and characterization details. Due to product development, specifications are subject to change without prior notice. Pictures may be representative: actual products may differ.



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