



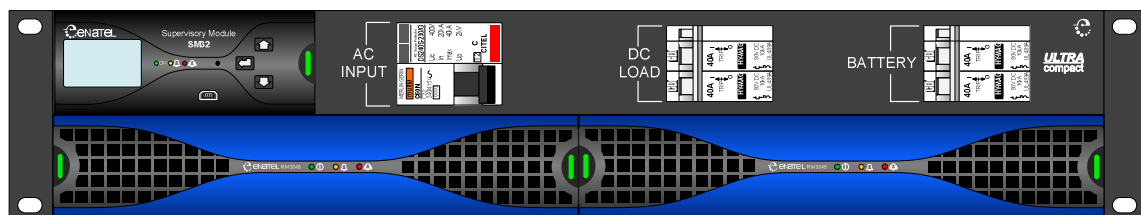
2U High Voltage Ultra Compact System 6.0kW 110V DC

Enatel's NEW High Voltage Industrial Power Systems with power output of up to 6.0kW and a maximum current of 54A are the ideal battery charging solution for utility protection and control equipment.

These Compact Systems are configured using Enatel's state of the art High Frequency Switch Mode Rectifier modules and intelligent network capable controllers. They include built-in Load and Battery distribution, AC input isolation and surge suppression all in a 2U 19" rack mountable power shelf and can be customized and configured to individual customer requirements.

If you require any further information on Enatel's all new range of High Voltage Ultra Compact solutions contact us today.

- World leading power density.
- Fully featured industrial standard rectifiers.
- Network monitoring available.
- Earth Leakage Detection.
- Built-in AC Surge Suppression.
- "Hot Swappable" rectifiers for no break operation under load.
- Easily customized and configured to suit each customers individual needs.
- Modular 19" design for ease of installation.



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Specifications

AC Input:	Single phase 90 – 300VAC
AC Current:	38A max (refer to RM30110 brochure for full details)
Frequency Range:	45-66Hz
Power Factor:	>0.99 (full load)
Efficiency:	>92% (>45% power output)
Termination:	Single phase, 16mm ² L, N, E tunnel terminals at rear.
DC Output	
Nominal Voltage:	121.5V
Rated Voltage:	110 – 160 VDC
Rated System Output Power:	6.0kW max @ 121.5VDC (50A)
Polarity:	+60V / -60V
DC Distribution:	
Load:	1x 63A 2 pole Load MCB (breaks +ve & -ve) 35mm tunnel terminals at rear
Battery:	1x 63A 2 pole Battery MCB (breaks +ve & -ve) 35mm tunnel terminals at
Breaker Fail Detection:	Auxiliaries on both load and battery breakers
Earth Leakage Detection:	Configurable via software, factory set at 25mA
Mechanical	
Dimensions:	
Size:	
Width:	482.6mm (standard 19" module)
Height:	89mm (1U, 3.5")
Depth:	415mm (16.3")
Weight:	7.5kg (excluding rectifier modules)
Shipping Dimensions:	
Width:	530mm
Height:	154mm
Depth:	430mm
Weight:	9kg (excluding rectifier modules)
Monitoring & Control:	Various monitoring options are available 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:	Generic part numbers shown below. Actual part numbers will vary with configuration.
PSC06021130-000	2U HV Ultra Compact Power System including standard SM33 supervisory module
PSC06021140-000	2U HV Ultra Compact Power System including standard SM34 supervisory module
PSC06021141-000	2U HV Ultra Compact Power System including standard SM34 supervisory module and I/O card