

SEC SERIES SWITCH MODE POWER SUPPLIES

FEATURES

- Always power with built in Battery Backup Module
- Seamless transfer to battery power when mains power disappears
- Advanced switch-mode technology
- Reliable power with minimum weight and size
- Circuit innovations minimize output voltage ripple and RFI
- 2 Year warranty

APPLICATIONS

- Applications with the highest availability demands e.g. telecommunications, alarm systems
- Test equipment
- Automotive & Marine displays



25 Amps with built in battery backup module

TECHNICAL SPECIFICATIONS

Model	SEC 1225G-BBM
Input Voltage	120-240 VAC, 50-60 Hz
Output Voltage at Load Terminals	13,8 VDC ($\pm 1\%$)
Output Ripple & Noise (On full load, peak to peak)	150 mV
Output Current Continuous	25 Amp
Current Limiting	27 Amp
Output Voltage at Battery Terminals (without battery)	13,8 VDC ($\pm 1\%$)
Output Voltage at Battery Terminals (with battery)	Actual battery voltage corresponding to State of Charge; 13,5V $\pm 0,2$ V when battery is fully charged and floating
Continuous Output Current at Load Terminals	21A (with battery charging); 25A (without battery charging)
Charge Current at Battery Terminals	Up to 4A (when battery is completely discharged to standing voltage of 11V)
External Backup Battery	Type & Voltage: Lead Acid, 12V; Capacity: 40 Ah to 100 Ah
Efficiency	> 90%
Cooling	Temperature controlled fan
Protections	Over current, short circuit, over voltage, over temperature shut down (through PWM controller)
Connections: AC Input DC Output	Detachable power cord with European schuko plug Terminals with tubular hole (5mm) with set screw
Operating Temperature	0-40°C
Dimensions (LxWxH)	250,5 x 185 x 57,8 mm
Weight	1,95 Kgs
Safety Standard	EN62368-1
EMC Standard	EMI: CLASS B EN55032 EN61000-3-2,3 EMS: EN55035 EN61000-4-2,3,4,5,6,8,11
C-Tick	AS/NZS CISPR 32: 2015 A1:2020

Technical Specifications subject to change without notification.

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