



- Uninterruptible *No-Break* DC Power Supply / battery back-up system
- Universal AC input: 85 - 264V
- Reverse polarity protection
- Alarms included as standard
- Electronic Low Voltage Disconnect
- Independent battery charge current limit
- Room for up to 4 x 7 Ah batteries
- 4 x separately fused load outputs
- 1 x fused battery output
- Designed for use with lead acid batteries
- 'Knockout' holes for top or bottom cable entry

◆ 24 Month Warranty

SPECIFICATIONS All specifications are typical at nominal input, full load and at 20°C unless otherwise stated.

ELECTRICAL	
Input	90 - 264VAC (47-63Hz) / 2.88 - 1.2A
Power Factor	>0.92
Fusing / Protection	Internal AC input fuse, DC output fuses
Isolation	1KV DC input / output to earth
Efficiency	≥ 87%
Output Power	75W & 150W
Output Voltages	13.8V , 27.6V
Voltage adj. range	85 - 105% of Vout
Charge Current Limit	Refer to model table
Line Regulation	+/-1%
Load Regulation	+/-2%
Over Volts Protection (OVP)	Yes, reset by power off

No-Break™ FUNCTIONS AND ALARMS	
Reverse Polarity	Battery reverse connection will open internal fuse (and produce alarm)
Electronic Low Volts Disconnect (ELVD)	Disconnects battery when discharged, (10V for 12V systems, 20V for 24V systems)
Load Dump Jumper	Loads may be disconnected using external relay contact (jumper fitted ex factory)
Alarms	<ul style="list-style-type: none"> • Tamper switch activates when enclosure door opened • Power Fail¹ (alarms when float voltage drops to approx. 12.8V/25.6V) • Battery Low¹ (Battery volts = 11V/22V or reverse polarity)
Alarm Relay Contacts:	C - NO - NC full changeover rated 1A /50V DC, 32VAC
LED Indicators	<ul style="list-style-type: none"> • AC on • DC outputs OK • Battery fuse OK

PHYSICAL	
AC Input connector	Screw / clamp terminal block, (max 2.5mm ²)
DC Connections	Screw / Clamp 'barrier' terminal
Enclosure	White powder coated steel enclosure with locking door (lock & 2 keys included)
Battery Compartment	Takes up to four 7Ah batteries
Cooling	Convection
Weight	3.7 Kg

STANDARDS	
EMI	To EN55022:2006 Class B
Safety	To IEC950 / EN60950 / UL60950-1 / CSA

ENVIRONMENTAL	
Operating temperature	0 - 50 degC
Storage temperature	-10 to 85 °C ambient
Humidity	0 - 95% relative humidity non-condensing

75 & 150W Switch mode DC UPS in security enclosure



STANDARD MODEL TABLE (Suffix -S includes enclosure)

MODELS	Output Voltage (Load/Battery)	Max. Recomm. Load Current(A) ^{*1}	PSU Rated Current (A)	Charge Current Limit (A)	Power (W)
SE12/05S	13.8V	4.8	5.4	0.6 ^{*2}	75
SE12/10S	13.8V	9.5	10.8	1.3	150
SE24/05S	27.6V	4.1	5.4	1.3	150

NOTES:
 *1 to allow for adequate charging current for battery after mains failure
 *2 may be set to 1.3A if specified at time of order

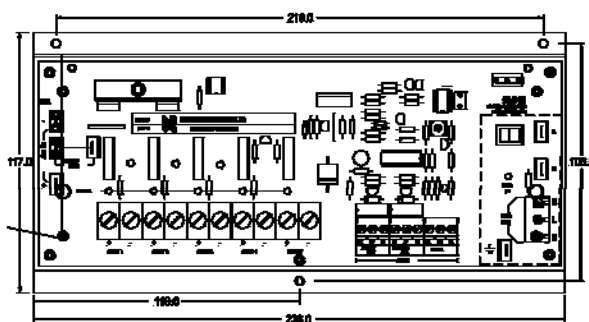
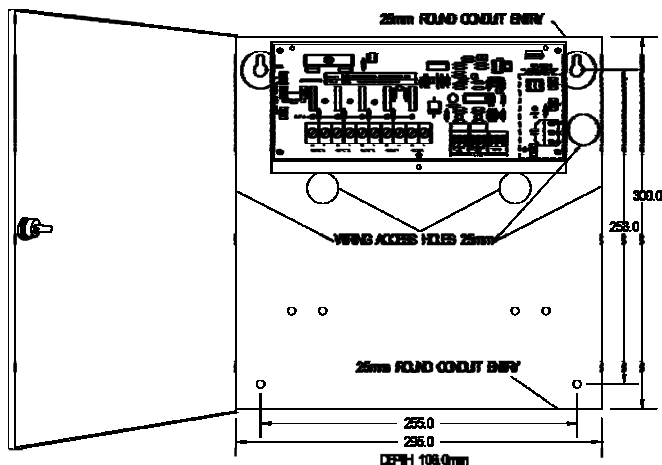
OPTIONS

Module only: Use suffix – C instead of -S
 Enclosure only: Order code: SEC-MED



Module only

MOUNTING DETAILS / DIMENSIONS



Enclosure: 306 H x 300 W x 108 D mm
 Module: 238 L x 117 W mm

SYSTEM BLOCK DIAGRAM

