



Enclosure: 295 H x 280 W x 76 D mm

◆ 24 Month Warranty

Batteries supplied separately

- Uninterruptible No-Break™ DC Power Supply / battery back-up system
- Designed for security & access control uses
- Separately fused battery and load outputs
- Independent battery charge current limit
- Reverse battery polarity protection
- Room for up to 4 x 7 Ah batteries
- Alarms : Tamper (standard)
Mains fail & Battery low (optional)
- Safety to IEC950 (EN60950), AS/NZS 3260:1993
- EMC to CISPR22 Class A

* Note for NZ customers, this model is available only through Intek Security Group Ltd (Auckland, Wellington, Christchurch)

SPECIFICATIONS

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

STANDARD MODEL TABLE (Suffix -S includes enclosure)

MODEL CODES	Output Voltage (V)	Max. Recomm. Load Current (A)	Charge Current Limit (A)	PSU Rated Current (A)	Power (W)
SL 12/2.5S	13.8	2.0	0.5	2.5	35
SL 24/1.5S	27.6	1.1	0.4	1.5	40

Note: Available as PCB module (gearplate): replace suffix 'S' in model code with 'C'

WARNING: Battery must be connected for loads such as motors and incandescent lamps which are low resistance on start up.

ELECTRICAL

AC Input	230 / 240 VAC ± 5% 50Hz , 0.4A Fuse: 1A
DC Outputs	2 x Load plus 1 x Battery, all fused 1A with LED indication on when fuses OK
Isolation	3.5KV AC 1 min. input - output 1.5KV AC, 1 min. input - output - earth
Output Voltages	13.8V or 27.6V @ 20°C
Current Limits	Refer to model table
Line Regulation	< 0.2% over input range
Load Regulation	< 0.5% open circuit to full load
Ripple	< 0.2% Pk-Pk, 0.05% RMS
Hold-up time	20ms

OPTIONS

Alarms	• Power Fail
	• Battery Low (set at 1.83V / cell)
	2 x Relay outputs –clean changeover contacts rated 1A /50V DC, 32VAC
Camlock	Lockable front door

PHYSICAL

Enclosure	Mild steel vented enclosure. White powder-coated finish.
Tamper Alarm	Microswitch activates when enclosure door opened
Battery Compartment	Takes up to four 7Ah batteries
Weight	4 kg (incl. enclosure)

SYSTEM BLOCK / CONNECTION DIAGRAM

