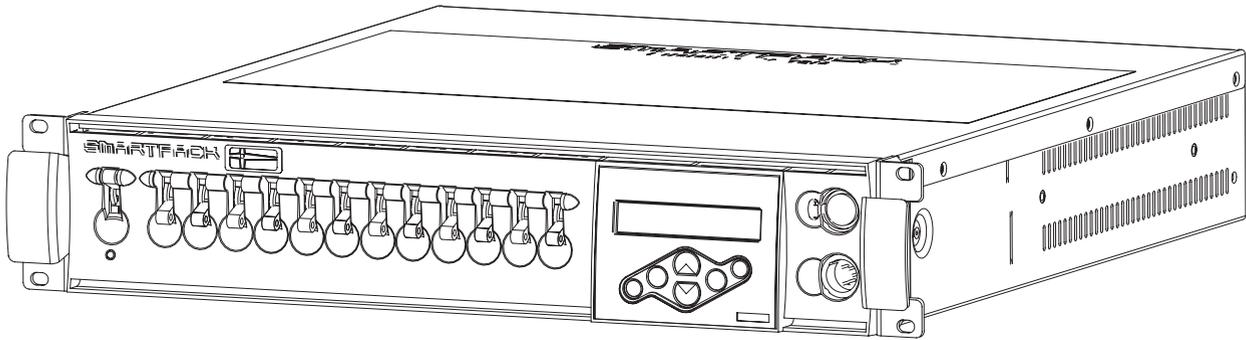




115/120V

Smart Solutions™ Series



GENERAL INFORMATION

A simple low-cost portable dimmer pack that can be operated stand-alone or combined into small systems

APPLICATIONS

- Small road show or band tour
- Simple dance or speaking tours
- Remote event/convention presentations

PERFORMANCE

- Versatile control via DMX-512A and/or SmartLink®
- 16-Bit DSP for fast accurate control
- Built-in presets and sequencer for stand-alone operation
- Stand-by Switch
- Auto-Restart Function
- True discrete SCR's for reliability
- Intuitive and quick dimmer test functions
- User-selectable curves

MECHANICAL FEATURES

- 19-inch 2U pack
- 6 or 12 dimmer packs available
- Rugged steel industrial enclosure
- Ultra-quiet cross flow cooling fan
- All magnetic, fully rated circuit breakers
- Flexible load connection options:
 - Edison, Stage pin, Twist-Lock®
 - PowerCon®, 6-Circuit Multi-pin
- Full compliance with UL, cUL, FCC and CE regulations

ORDERING INFORMATION

SmartPack Portable Packs

MODEL	DESCRIPTION
SL620A	6 x 20A SmartPack Portable with Edison
SL620B	6 x 20A SmartPack Portable with Stage Pin
SL620C	6 x 20A SmartPack Portable with Twist-Lock®
SL620J	6 x 20A SmartPack Portable with Japanese "C"
SL620P	6 x 20A SmartPack Portable with PowerCon®
SL620V	6 x 20A SmartPack Portable with single 6-circuit Multi-pin
SL620TM	6 x 20A SmartPack Portable with terminal outputs
SL1210A	12 x 10A SmartPack Portable with Edison
SL1210B	12 x 10A SmartPack Portable with Stage Pin
SL1210P	12 x 10A SmartPack Portable with PowerCon®
SL1210V	12 x 10A SmartPack Portable with dual 6-circuit Multi-pins
SL1210TM	12 x 10A SmartPack Portable with terminal outputs
SMPK-RRM	Rack Mount Kit (rails)



SPECIFICATIONS

GENERAL

- Approvals and Certifications:
- Underwriters Laboratories tested and listed to the following standards:
 - UL508 (File: E152039)
 - Terminal version is UL Recognized
 - Complies with ESTA DMX512-A Standard

ELECTRICAL

- Maximum feed capacity:
 - 3 x 40A, Three Phase, 4-wire & ground
 - 2 x 60A, Single Phase, 3-wire & ground
- Easily switches from single phase to three phase
- Voltage Range from 85 – 140VAC, 47 – 63 Hz
- Strain relief for up to 6/5 SO cable provided for power input to terminal lug
- Input lugs accept up to AWG 2 cable
- Standard output connection choices:
 - Edison, Stage Pin, Twist-Lock®,
 - PowerCon® (Mating connector: Neutrik NAC3FCB)
 - 6-Circuit Socapex compatible (selectable off-set)
- DMX input and thru connectors
- RJ45 connectors for SmartLink® rack-to-rack communication
- Fully rated magnetic circuit breakers to eliminate nuisance tripping
- High quality 200µs toroidal filters
- Modular SCR and bonded heat sink assembly with superior surge, thermal transfer, and short-circuit immunity
- 2500V isolation between control and power components
- Switch puts unit in Stand-by mode

MECHANICAL

- Rack mount unit requires only 2 EIA 19" rack spaces
- 18-gauge steel construction
- Fine-textured, scratch resistant paint
- Mounting hardware with integral carrying handles
- Recessed control connectors and protected circuit breakers

THERMAL

- Ambient operation temperature between 32°F (0°C) and 95°F (35°C)
- Humidity between 30 – 95% (non-condensing)
- Low noise temperature controlled fan
- Front-to-back cooling for better airflow in a stacked application

USER INTERFACE

- High-contrast 20-character by 2-line backlit LCD
- 6-button blue phosphorescent keypad
- Power status indicator LED (Blue)
- DMX status indicator LED (Green)

FEATURES

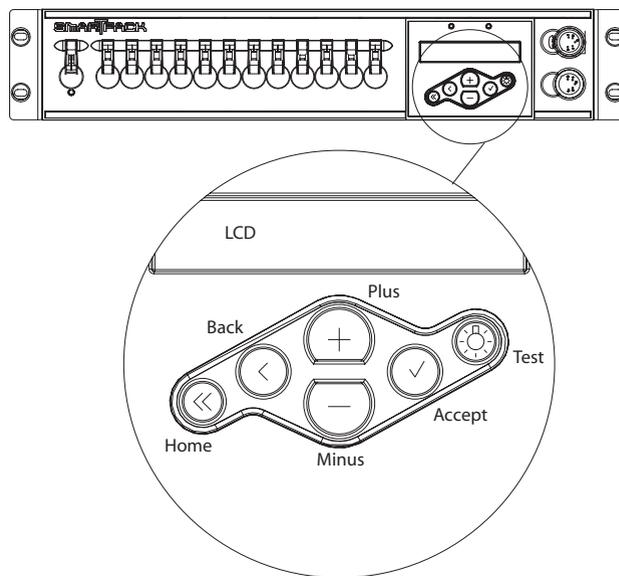
- DMX addressing via user interface
- Soft patch any dimmer to any DMX channel
- 32 programmable presets
- Sequencer with programmable fade and hold times allows stand-alone operation
- SmartLink provides synchronization of presets and sequence across multiple packs

SPECIFICATIONS

FEATURES

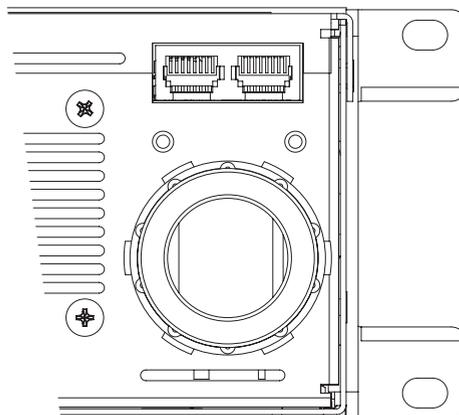
- Auto-Restart function returns unit to previous state when power is cycled
- Power switch puts unit in stand-by mode
- Non-volatile Flash preset storage
- Five selectable dimmer output curves:
 - IES modified square law
 - Linear
 - Switched (50% threshold)
 - Fluorescent with adjustable cut-off
 - Adjustable Pre-Heat
- Multi-language capability – English, Spanish, German and French

FRONT PANEL DETAIL



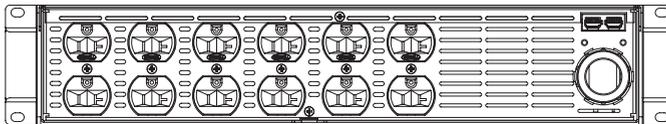
SMARTLINK CONNECTION

REAR PANEL DETAIL

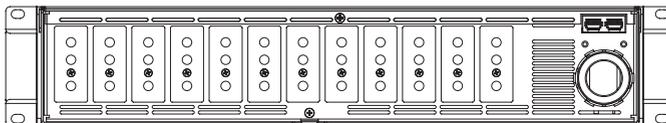


REAR PANEL OPTIONS

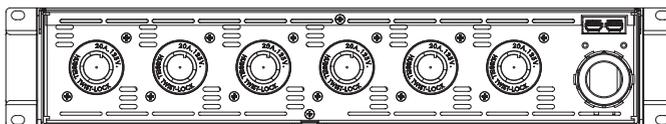
Edison (A)



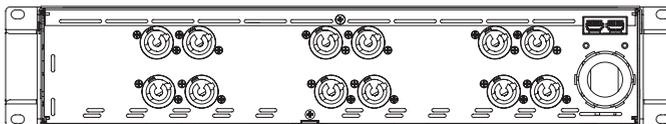
Stage Pin (B)



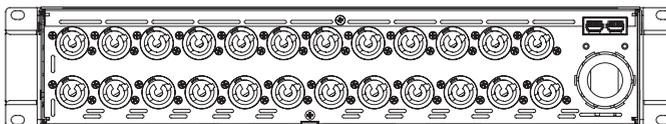
Twist-Lock® (C)
(6x20A only)



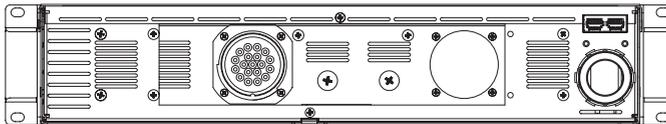
6 x PowerCon® (P)



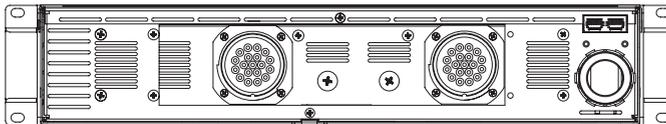
12 x PowerCon® (P)



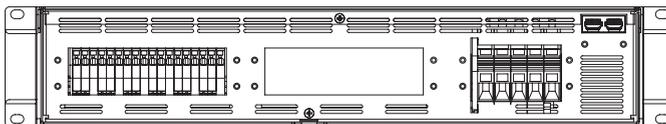
Single 6-circuit Multi-pin
with selectable offset (V)



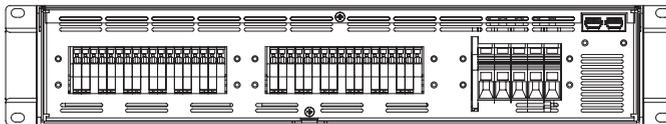
Dual 6-circuit Multi-pin
with selectable offset (V)



6 x Terminal (TM)



12 x Terminal (TM)



PHYSICAL

SmartPack Dimensions

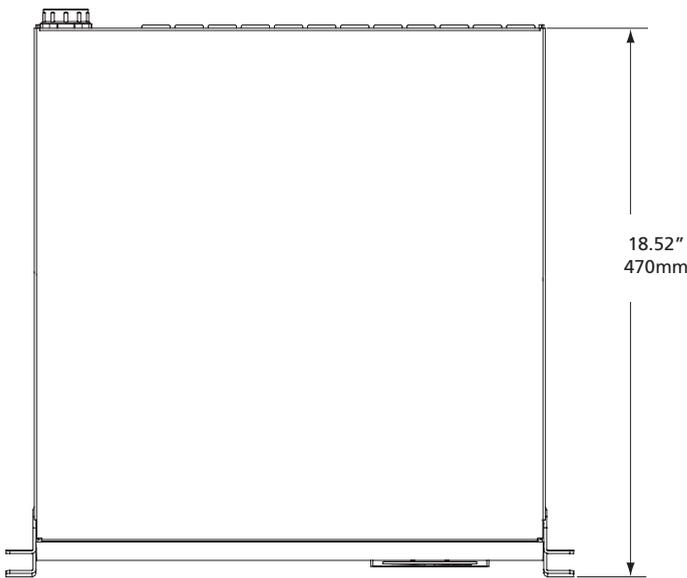
MODEL	HEIGHT		WIDTH		DEPTH	
	inches	mm	inches	mm	inches	mm
SL620	3.45	88	19	483	18.52	470
SL1210	3.45	88	19	483	18.52	470

SmartPack Weights*

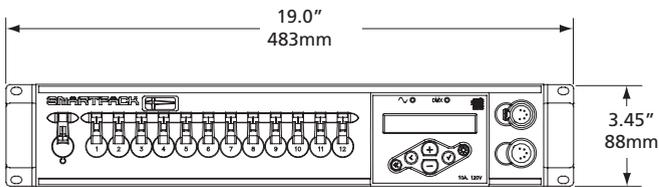
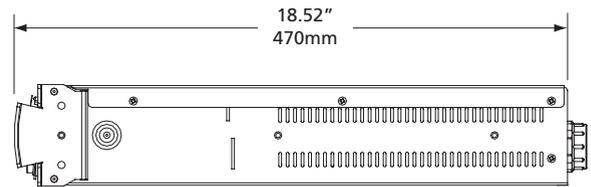
MODEL	WEIGHT		SHIPPING WEIGHT	
	lbs	kgs	lbs	kgs
SL620	28 - 34	12.7 - 15.4	34 - 40	15.4 - 18.1
SL1210	30 - 36	13.6 - 16.3	36 - 42	16.3 - 19.1

*Weights vary depending on connector type

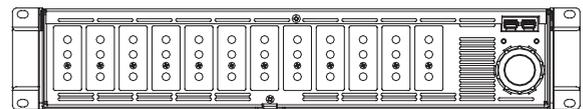
Top View



Side View



Front View



Back View (Shown with Stage Pin)

