ETC

Sensor3 Portable Packs

Sensor3 Touring Series





Type(s)

Project

Date

Notes

GENERAL INFORMATION

Sensor3 Portable Packs provide powerful digital dimming for small-scale portable applications setup for basic applications out of the box.

APPLICATIONS

- Digital dimming for traveling companies
- Professional black-box or seasonal theater
- Solo and ensemble music tours
- Dance and performance art tours
- Television studio and film productions
- Convention and conference centers

FEATURES

- 6 and 12 module packs available
- Rugged industrial construction
- Three-phase or single phase switchable
- Cam-Lok® power input connectors
- Flexible load connection options
  - Twist-Lock® (GTL)
  - Stage Pin
  - Multi-pin
  - Edison
- CEM3 Control Electronics Module standard
  - Basic menu structure for simple DMX operation
  - Advanced configuration editing built into pack
  - Direct Ethernet control signal input (Net3, sACN) as well as (two) DMX512-A inputs
  - Standard reporting and configuration networking
  - Optional Advanced Features (AF) reporting
  - Support ETC Dimmer Doubling
- All packs UL and cUL Listed

OPTIONS

- Cam-Lok Pass Thru
- Castered Cart

ORDERING INFORMATION

MODEL#	DESCRIPTION
6 MODULE PORTABLE PACKS	
SP3-1220A	12 x 20 A Portable Pack with Edison connectors
SP3-1220B	12 x 20 A Portable Pack with Pin connectors
SP3-1220C	12 x 20 A Portable Pack with Twist-Lock® connectors
SP3-1220V	12 x 20 A Portable Pack with Multi-pin connectors
SP3-1215A	12 x 15 A Portable Pack with Edison connectors
SP3-1215B	12 x 15 A Portable Pack with Pin connectors
SP3-1215C	12 x 15 A Portable Pack with Twist-Lock® connectors
SP3-1215V	12 x 15 A Portable Pack with Multi-pin connectors
SP3-1220AV	12 x 20 A Portable Pack with Edison & Multi-pin
SP3-1220BV	12 x 20 A Portable Pack with Pin & Multi-pin
SP3-650B	6 x 50 A Portable Pack with Pin connectors
12 MODULE PORTABLE PACKS	
SP3-2420A	24 x 20 A Portable Pack with Edison connectors
SP3-2420B	24 x 20 A Portable Pack with Pin connectors
SP3-2420C	24 x 20 A Portable Pack with Twist-Lock connectors
SP3-2420V	24 x 20 A Portable Pack with Multi-pin connectors
SP3-2415A	24 x 15 A Portable Pack with Edison connectors
SP3-2415B	24 x 15 A Portable Pack with Pin connectors
SP3-2415C	24 x 15 A Portable Pack with Twist-Lock connectors
SP3-2415V	24 x 15 A Portable Pack with Multi-pin connectors
SP3-2420AV	24 x 20 A Portable Pack with Edison & Multi-pin
SP3-2420BV	24 x 20 A Portable Pack with Pin & Multi-pin
SP3-2420CV	24 x 20 A Portable Pack with Twist-Lock & Multi-pin
SP3-1250B	12 x 50 A Portable Pack with Pin connectors

Custom module configurations available, including upgrades to Advanced Features (AF). Contact ETC for details.

Standard Cam-Lok configuration is reverse neutral/ground. Please specify desired Cam-Lok configuration on all orders to ensure correct configuration.

SPECIFICATIONS

GENERAL

- Two sizes of pack available:
- Small - 6 modules, 12 dimmers maximum
- Large - 12 modules, 24 dimmers maximum
- Underwriters Laboratories cUL Marked, tested and Listed to the following standards:
- UL508 (File: E152039)
- Complies with ESTA DMX512-A Standard
- Ambient temperature: 0° to 40° C (32° to 104 °F)
- Relative humidity: 10–90% non-condensing

MECHANICAL

- Rugged aluminum construction
- Fine-textured, scratch-resistant, gray and black epoxy paint
- No tools required for module removal or installation
- Keyed module slots prevent insertion of inappropriate module types

THERMAL

- High efficiency cooling system with airflow sensor
- Easily cleaned electrostatic air filter
- Low-noise fan for quiet operation
- Ambient temperature: 0° to 40° C (32° to 104 °F)

ELECTRICAL

- Easily switches from single–phase 120/240 VAC to three-phase 120/208 VAC operation
- Cam-Lok power input connectors
- Cam-Lok pass thru connectors available
- Max pass thru bus rating for:
  - SP3-6: 100 A
  - SP3-12: 200 A
- Line feed voltage range is 91–139 VAC
- Power frequencies from 47–53; 57–63 Hz
- Choice of Stage pin, Edison or Twist-Lock or 19-pin Multi-pin output connectors

ELECTRONICS

- CEM3 Power Control
- Full number pad for fast access to dimmer override and setup
- Graphical backlit display
- Standard diagnostic reporting

OPTIONS

- Advanced Features (AF) dimmer-specific output reporting - requires Advanced Features (AF) dimmer modules
- Custom output panels (call ETC for details)
- Cam-Lok Pass Thru Panel
- Castered Cart

MODULE ORDERING INFORMATION

Control Modules

MODEL	DESCRIPTION
CEM3	Power Control Module

Dimmer Modules

MODEL	DESCRIPTION
SENSOR STANDARD MODULES	
D15	Dual 15 A Dimmer Module – 350 µs
D15E	Dual 15 A Dimmer Module – 500 µs
D20	Dual 20 A Dimmer Module – 350 µs
D20E	Dual 20 A Dimmer Module – 500 µs
SENSOR ADVANCED FEATURES MODULES	
D15AF	Dual 15 A Dimmer Module – 500 µs – Advanced Features
D20AF	Dual 20 A Dimmer Module – 500 µs – Advanced Features
D20DHR	Dual 20 A Dimmer Module – 800 µs – Advanced Features
D20HR	Single 20 A Dimmer Module – 1000 µs– Advanced Features
D50AF	Single 50 A Dimmer Module – 500 µs – Advanced Features
D50HR	Double high* 50 A Dimmer Module – 800 µs – Advanced Features
SENSOR SPECIAL PURPOSE MODULES	
ELV10-S	Dual 10 A Electronic Low Voltage Dimmer Module
D15F	Single 15 A Fluorescent Dimmer Module
D20F	Single 20 A Fluorescent Dimmer Module
R15	Dual 15 A Relay Module
R20	Dual 20 A Relay Module
R15AF	Dual 15 A Relay Module – Advanced Features
R20AF	Dual 20 A Relay Module – Advanced Features
CC15	Dual 15 A Constant Current Module
CC20	Dual 20 A Constant Current Module
AFM	Air Flow Module

*Double-high modules use two module slots.

Portable Pack Accessories

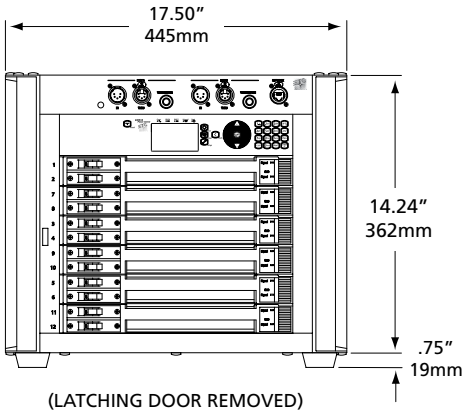
MODEL	DESCRIPTION
Pass Thru	Cam-Lok Pass Thru Panel
Cart	Castered Cart for Portable Packs

PHYSICAL

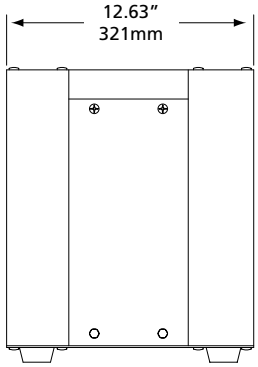
Sensor3 Portable Packs

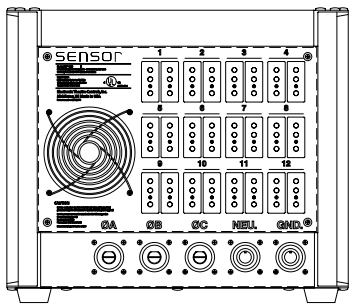
MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT*		SHIPPING WEIGHT	
	in	mm	in	mm	in	mm	lb	kg	lb	kg
6 MODULE PACK	15.0	380	17.5	445	12.63	321	70-90*	32-41	75-95	34-43
12 MODULE PACK	24.3	610	17.5	445	12.63	321	110-130*	50-59	115-135	53-62

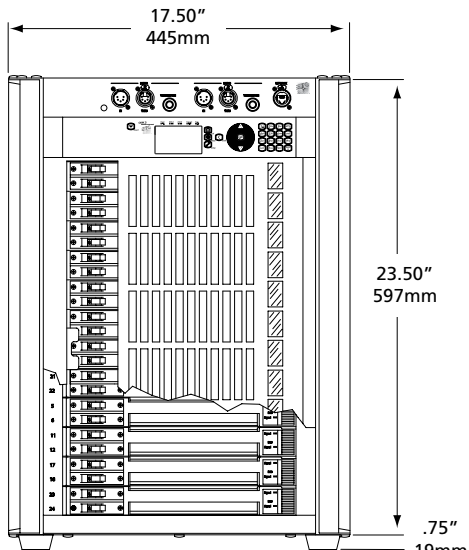
*Actual weight depends on type of dimmer modules.



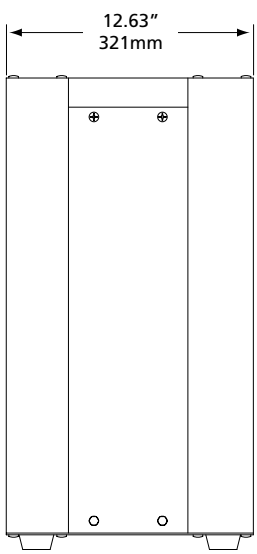
(LATCHING DOOR REMOVED)

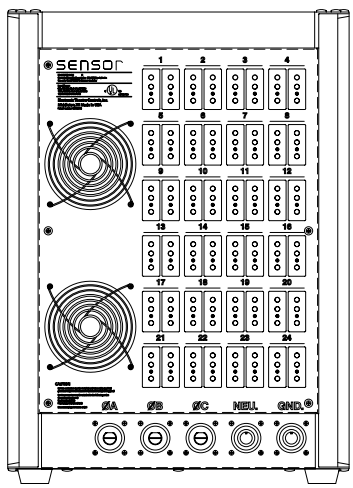


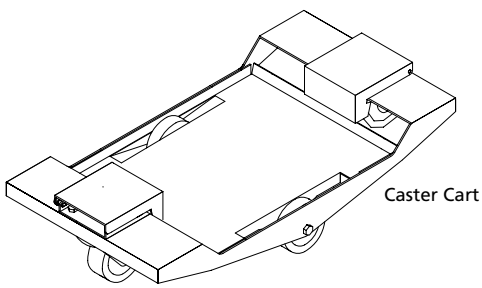




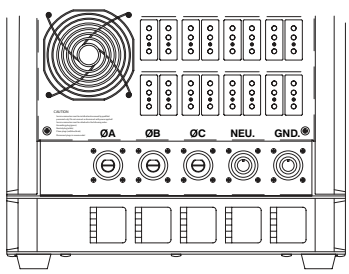
(LATCHING DOOR PARTIALLY REMOVED)







Caster Cart

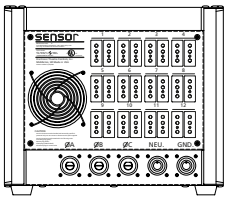


Cam-Lok®
Pass Thru Panel
(Adds 3″ to pack)

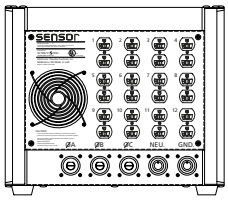
BACK PANEL CONFIGURATIONS

6-MODULE PACKS

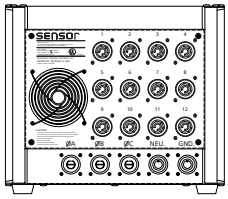
15A/20A Stage Pin outputs



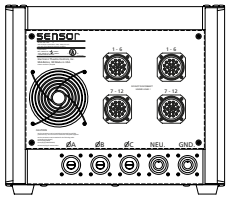
15A/20A Edison outputs

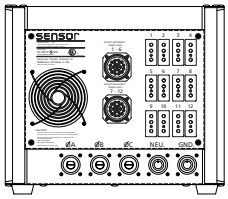


15A/20A Twist-Lock® outputs

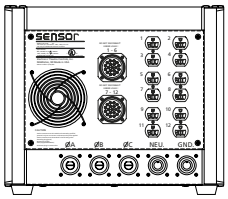


15A/20A Multi-pin outputs

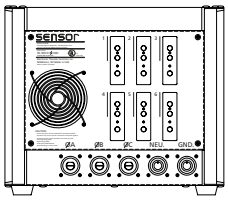




15A/20A Stage Pin & Multi-pin outputs



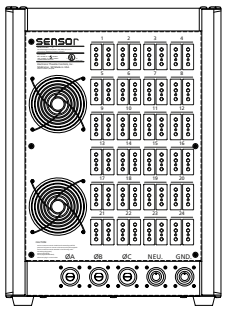
15A/20A Edison & Multi-pin outputs



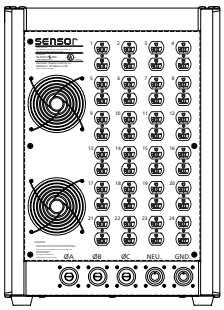
50A Stage Pin outputs

12-MODULE PACKS

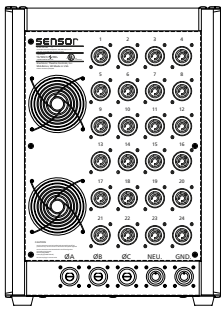
15A/20A Stage Pin outputs



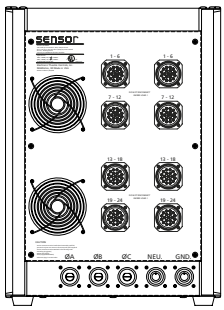
15A/20A Edison outputs

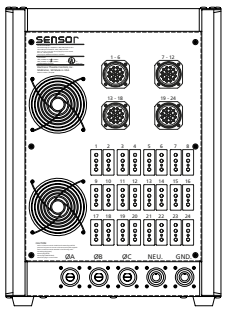


15A/20A Twist-Lock outputs

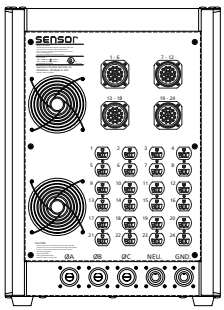


15A/20A Multi-pin outputs

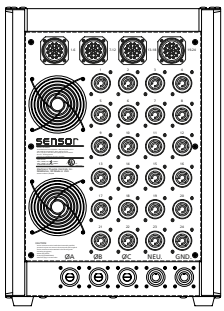




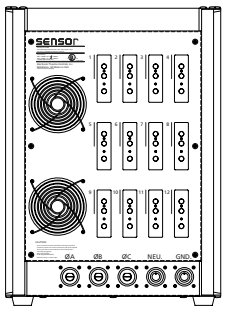
15A/20A Stage Pin & Multi-pin outputs



15A/20A Edison & Multi-pin outputs



15A/20A Twist-Lock & Multi-pin outputs



50A Stage Pin outputs

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