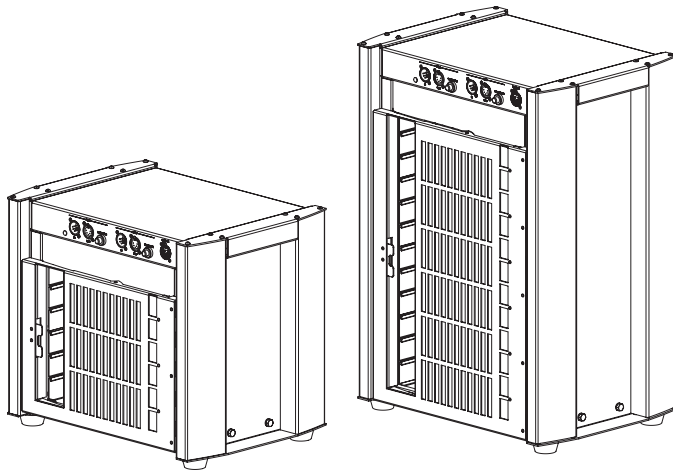




Sensor3 Touring Series



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 switch-able
- Cam-Lok™ input power terminal
- Flexible load connection options
 - Edison
 - Stage Pin
 - Twist-Lock® (GTL)
 - Multi-pin
- CEM+ Control Electronics Module standard
 - Basic menu structure for simple DMX operation
 - Advanced configuration editing built into pack
 - Direct Ethernet control signal input as well as (2) DMX512 inputs
 - Standard reporting and configuration networking
 - Optional Advanced Features reporting
 - Support ETC Dimmer Doubling™
- All packs UL and cUL Listed

OPTIONS

- Cam-Lok Pass-Thru
- Castered Cart

ORDERING INFORMATION

Standard Sensor+ Portable Packs*

MODEL#	DESCRIPTION
6 MODULE PORTABLE PACKS	
SP3-1220A	12 x 20A Portable Pack with Edison connectors
SP3-1220B	12 x 20A Portable Pack with Pin connectors
SP3-1220C	12 x 20A Portable Pack with Twist-Lock connectors
SP3-1220V	12 x 20A Portable Pack with Multi-pin connectors
SP3-1215A	12 x 15A Portable Pack with Edison connectors
SP3-1215B	12 x 15A Portable Pack with Pin connectors
SP3-1215C	12 x 15A Portable Pack with Twist-Lock connectors
SP3-1215V	12 x 15A Portable Pack with Multi-pin connectors
SP3-1220AV	12 x 20A Portable Pack with Edison & Multi-pin
SP3-1220BV	12 x 20A Portable Pack with Pin & Multi-pin
SP3-650B	6 x 50A Portable Pack with Pin connectors
SP3-3100B	3 x 100A Portable Pack with Pin connectors
12 MODULE PORTABLE PACKS	
SP3-2420A	24 x 20A Portable Pack with Edison connectors
SP3-2420B	24 x 20A Portable Pack with Pin connectors
SP3-2420C	24 x 20A Portable Pack with Twist-Lock connectors
SP3-2420V	24 x 20A Portable Pack with Multi-pin connectors
SP3-2415A	24 x 15A Portable Pack with Edison connectors
SP3-2415B	24 x 15A Portable Pack with Pin connectors
SP3-2415C	24 x 15A Portable Pack with Twist-Lock connectors
SP3-2415V	24 x 15A Portable Pack with Multi-pin connectors
SP3-2420AV	24 x 20A Portable Pack with Edison & Multi-pin
SP3-2420BV	24 x 20A Portable Pack with Pin & Multi-pin
SP3-2420CV	24 x 20A Portable Pack with Twist-Lock & Multi-pin
SP3-1250B	12 x 50A Portable Pack with Pin connectors
SP3-6100B	6 x 100A Portable Pack with Pin connectors

Custom module configurations available for all Sensor+ Portable Packs. Contact ETC for details

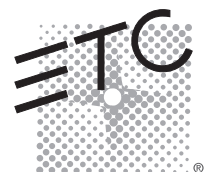
Standard Cam-Lok configuration is reverse/neutral/ground. Please specify desired Cam-Lok configuration on all orders to ensure correct configuration.

Packs ship 3-Phase as standard.

Any portable pack may be upgraded to Advanced Features by using AF Modules. Contact ETC for more details.

Portable Pack Accessories

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



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: 0-40°C / 32-104°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: 0-40°C / 32-104°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-through buss rating for
 - SP3-6: 100A
 - SP3-12: 200A
- Line feed voltage range is 91-139 VAC*
- Power frequencies from 47-53; 57-63Hz
- 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 dimmer-specific output reporting - requires Advanced Features (AF) dimmer modules
- Custom output panels (call ETC for details)
- Cam-Lok™ pass-through panel
- Castered Cart

MODULE ORDERING INFORMATION

Control Modules

MODEL	DESCRIPTION
CEM3	Power Control Module

Dimmer Modules

MODEL	DESCRIPTION
SENSOR STANDARD MODULES	
D15	Dual 15A Dimmer Module – 350µs
D15E	Dual 15A Dimmer Module – 500µs
D20	Dual 20A Dimmer Module – 350µs
D20E	Dual 20A Dimmer Module – 500µs
SENSOR ADVANCED FEATURES MODULES	
D15AF	Dual 15A Dimmer Module – 500µs – Advanced Features
D20AF	Dual 20A Dimmer Module – 500µs – Advanced Features
D20DHR	Dual 20A Dimmer Module – 800µs – Advanced Features
D20HR	Single 20A Dimmer Module – 1000µs – Advanced Features
D50AF	Single 50A Dimmer Module – 500µs – Advanced Features
D50HR	Double high* 50A Dimmer Module – 800µs – Advanced Features
D100AF	Double high* 100A Dimmer Module – 800µs – Advanced Features
SENSOR SPECIAL PURPOSE MODULES	
ELV10	Dual 10A Electronic Low Voltage Dimmer Module
D15F	Single 15A Fluorescent Dimmer Module
D20F	Single 20A Fluorescent Dimmer Module
R15	Dual 15A Relay Module
R20	Dual 20A Relay Module
R15AF	Dual 15A Relay Module – Advanced Features
R20AF	Dual 20A Relay Module – Advanced Features
CC15	Dual 15A Constant Current Module
CC20	Dual 20A Constant Current Module
AFM	Air Flow Module

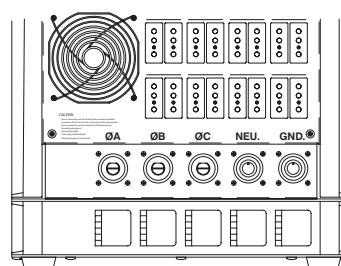
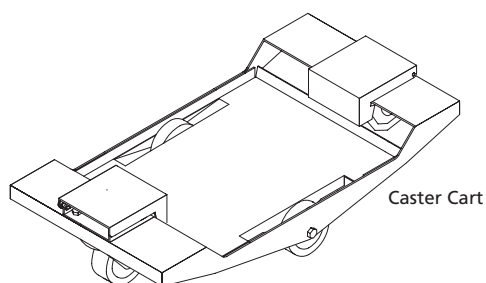
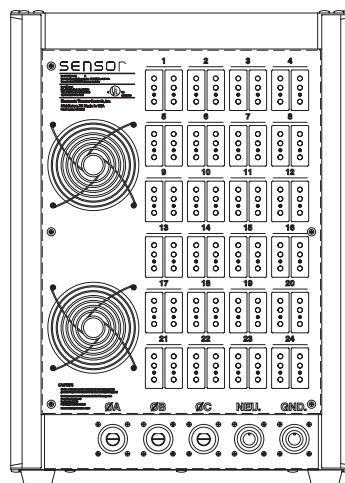
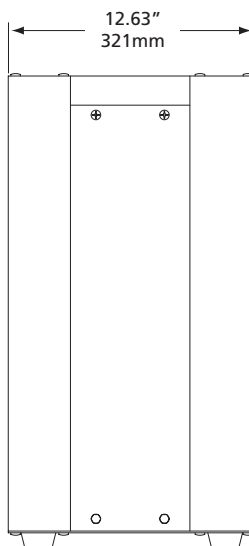
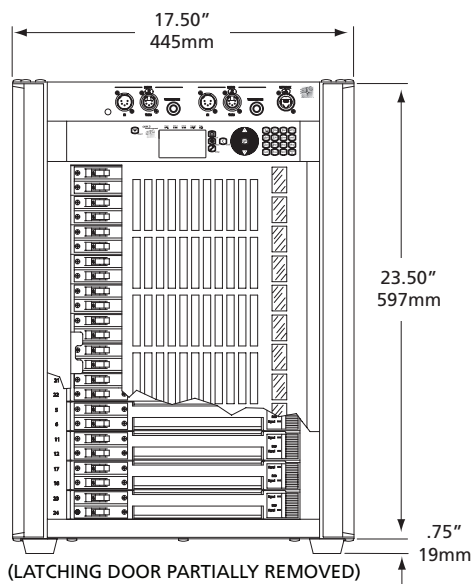
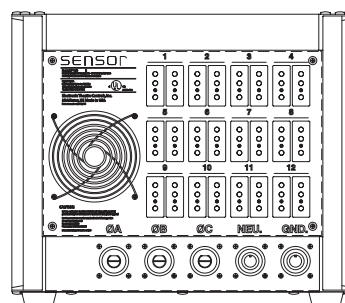
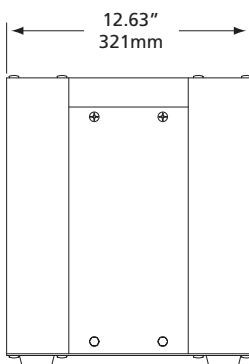
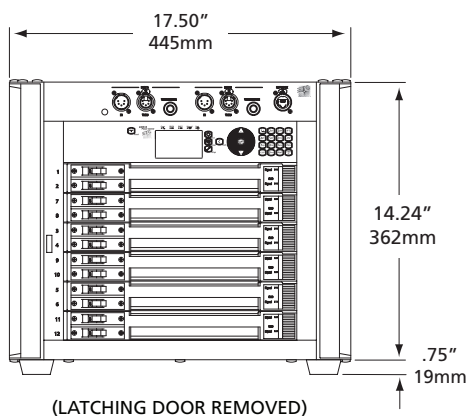
*Double-high modules use two module slots.

PHYSICAL

Sensor3 Portable Packs

MODEL	HEIGHT		WIDTH		DEPTH		WEIGHT		SHIPPING WEIGHT	
	inches	mm	inches	mm	inches	mm	lbs	kgs	lbs	kgs
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

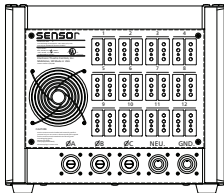


Cam-Lok
Pass Thru Panel
(Adds 3" to pack)

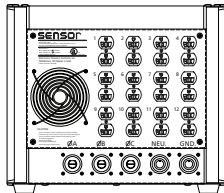
BACK PANEL CONFIGURATIONS

6-MODULE PACKS

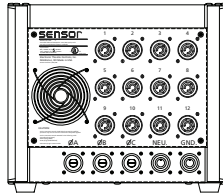
15A/20A Stage Pin outputs



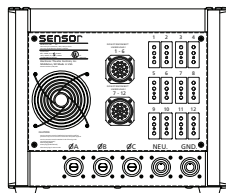
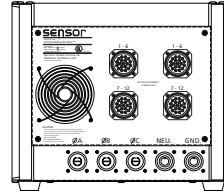
15A/20A Edison outputs



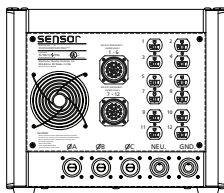
15A/20A Twist-Lock outputs



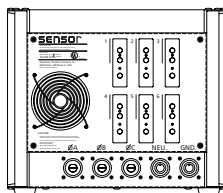
15A/20A Multi-pin outputs



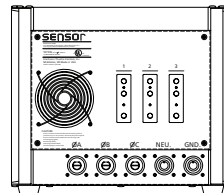
15A/20A Stage Pin & Multi-pin outputs



15A/20A Edison & Multi-pin outputs



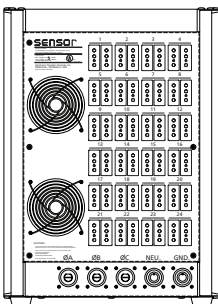
50A Stage Pin outputs



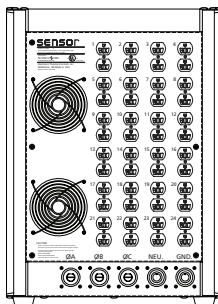
100A Stage Pin outputs

12-MODULE PACKS

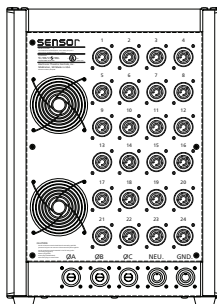
15A/20A Stage Pin outputs



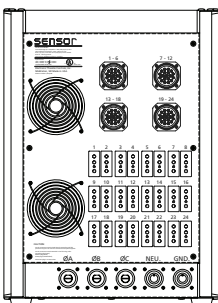
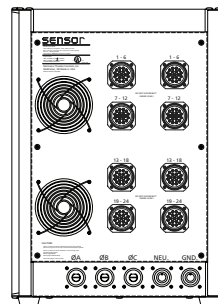
15A/20A Edison outputs



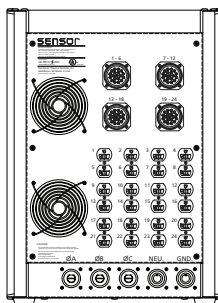
15A/20A Twist-Lock outputs



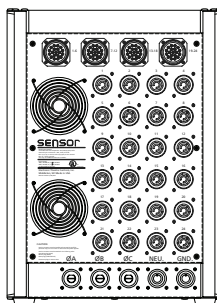
15A/20A Multi-pin outputs



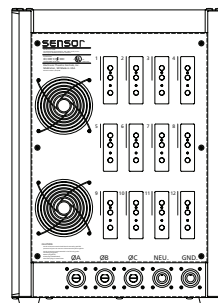
15A/20A Stage Pin & Multi-pin outputs



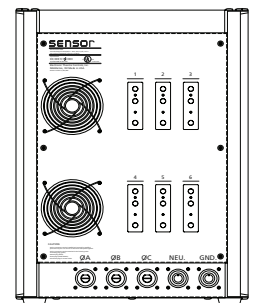
15A/20A Edison & Multi-pin outputs



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



50A Stage Pin outputs



100A Stage Pin outputs



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