

# Topaz™ 12 Portable Pack



## FEATURES

- Plug-in dimmer and control modules (order separately)
- Lightweight - only 45 lbs fully loaded
- Rugged, compact design
- Available in 1.8kW or 2.4kW dimmer versions
- Single or three-phase input power
- Remote or Universal control module compatible
- Integral handle for ease of transport, allows stacking of multiple packs
- UL listed - CSA certified (120 Volts)

## DIMENSIONAL DATA - IN. [CM] LBS. [KG]

Width	14.65 [37.2]
Depth	9.62 [24.4]
Height	13.00 [33.0]
Weight (w/dimmers)	45.1 [20.3]
Weight (empty)	24.8 [11.2]

CAT. NO.	DESCRIPTION
TZMOD-FIL	Airflow Module
TZMOD-018	1.8kW Dual Universal dimmer module
TZMOD-024	2.4kW Dual Universal dimmer module
TZMOD-224	2.5kW Dual Universal Dimmer Module
TZCMD-DMX	Remote Control Module (for 120V racks)
TZCMD-2UN	Universal Control Module (for 230V racks)
TZ12P-00S	Topaz 12 Portable Pack, 24 Stage Pin Outputs, 20A
TZ12P-02E	Topaz 12 Portable Pack, 120V, 12 20A Edison Duplex Outputs (NEMA 5-20RD)
TZ12P-00L	Topaz 12 Portable Pack, 12 Locking Connector L5-20 Outputs, 20A
TZ12P-01E	Topaz 12 Portable Pack, 120V, 12 15A Edison Duplex Outputs(NEMA 5-15RD), 1.8kW dimmers required
TZ12P-24S	Topaz 12 Portable Pack, 240V, 24 - 15A Stage Pin Outputs
TZ12P-24L	Topaz 12 Portable Pack, 240V, 12 - 20A Locking Connectors with 15A Dimmers

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## Leviton Mfg. Co., Inc. Lighting Management Systems

20497 SW Teton Avenue, Portland, OR 97062 1-800-736-6682 Tech Line: 1-800-959-6004 Fax: 503-404-5594 www.leviton.com/lms  
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**SPECIFICATIONS**

- A. The TOPAZ dimmer pack is constructed of code gauge formed steel and aluminum structural members with heavy-duty top and bottom. All load connectors and terminals are silver plated copper. All exterior surfaces are finished in black polyurethane paint. The dimmer pack weighs no more than 24.8 lbs. (11.2 kg) empty, or 45.1 lbs (20.3 kg) including dimmers and control modules.
- B. The pack is constructed to permit insertion and removal of dimmers and control modules without the use of tools. Positive, interlocking guides provide precise alignment of the dimmers to the signal and power connectors in the pack. Dimmer support is incorporated into the slides of the pack, allowing clear access to the power, load, and neutral terminals.
- C. The pack contains six plug-in dimmer modules (either dual 1.8kW or dual 2.4kW). Each module position has a mating power bus, two load connectors and three gold-plated PC signal contacts. The control module position includes appropriate control signal terminal blocks and signal distribution connector.
- D. The pack contains a continuous-duty low-noise fan to help maintain temperature at proper operating levels with all dimmers under full load at ambient temperature up to 104° (40°C). The pack provides an airflow sensor to shut off dimmers in the pack in the event of unsafe airflow conditions. Cooling air shall be drawn through the dimmers and exhausted from the rear of the pack. Since there is no airflow over any electrical connectors in the dimmer, no filter connections shall be required.
- E. The pack has a latchable door with a maximum swing radius of 4 1/2". A blank label is provided inside the door directly adjacent to each dimmer for user identification of each circuit.
- F. The dimmer pack is designed to operate from the specified voltage and type of electrical service with line bussing sized for the specified ampacity. All power and signal connections within the pack

are factory wired to tubular screw termination points or to appropriate connections and neatly dressed. Adequate space is provided for installation of field wiring per code. The main feed is field convertible to either 3Ø 4-wire or 1Ø 3-wire input power. All feed, load and control cables connect on the rear of the pack.

- G. All auxiliary equipment necessary for the operations of the pack under the intent of these specifications shall be furnished and shall include, but not be limited to, overload and short-circuit protection. All exterior control indicating and protection devices shall be appropriately labeled.
- H. The dimmer pack is factory-tested and all control modules are burned in at elevated temperatures and voltage for a period of four hours. The pack is UL listed and labeled with a UL interrupting rate of 10,000A for dimmer packs designed to accept 120V dimmer modules.

ORDERING INFORMATION	CAT. NO.	DESCRIPTION
	TZ12P-00S	12-2.4kW dimmers w/24 (20) amp 3-wire pin connectors
	TZ12P-24S	230V version
	TZ12P-002E*	24-2.4kW dimmers w/12 (20) amp 3-wire duplex U-ground (NEMA 5-20) receptacles - 120V
	TZ12P-01E	12-1.8kW dimmers w/12 (15) amp 3-wire duplex U-ground (NEMA 5-15) receptacles - 120V
	TZ12P-00L	12-2.4kW dimmers w/12 (20) amp 3-wire twistlock (NEMA L5-20) receptacles - 120V
	TZ12P-24L	230V version

\*Not CSA certified

Contact factory for information on cam-type ordering.

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**LEVITON SPECIFICATION SUBMITTAL**

JOB NAME:	CATALOG NUMBERS:
JOB NUMBER:	

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