

Overview of Towing Navigation Light System TS0520

S0300-BV-CAT-010

TOWING NAVIGATION LIGHT SYSTEM

System - TS0520

The Towing Navigation Light System TS0520 is designed to provide navigation lights for placement on a towed vessel. The light system consists of red, green, and white navigational lights, battery packs, connecting cables, and a 110-volt charger assembly. The system is configured to provide a minimum of 15 days of continuous lighting between battery charges.

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ESSM - LI0020 LIGHT KIT, NAVIGATION, PORTABLE



Portable Navigation Light Kit LI0020

The Portable Navigation Light Kit LI0020 contains lights, cables, and a connection box to provide Coast Guard-approved lights for display on a towed vessel. Each individual light is equipped with a red, green, or clear lens to provide the appropriate port, starboard, and stern running lights required for night display. Each navigation light contains a multi-socket, automated bulb changer to replace bulbs that burn out or otherwise fail during operation and is equipped with a photocell that activates the light in periods of darkness. The kit also includes a battery charger to maintain the gel cell batteries found in LI0025.

Specifications

| Type | Description | Qty |
|---|-----------------------|-----|
| Manufacturer | Automatic Power, Inc. | |
| Model | FA-249 | |
| The kit contains the following major items: | | |
| Container, 39" x 25" x 22": | | 1 |
| Battery charger, 12-volt | | 1 |
| Bulb, lamp, 12-volt | | 4 |
| Diagram, laminated, Nav light sys | | 1 |
| Fuse, 25-amp | | 1 |
| Junction box, with 10' of cable | | 1 |

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Specifications

| Type | Description | Qty |
|--|-------------|-----|
| Light assembly, Red lens with 80' of cable | | 1 |
| Light assembly, Green lens with 80' of cable | | 1 |
| Light assembly, Clear lens with 80' of cable | | 1 |
| Inventory, laminated | | 1 |

Physical Characteristics

| Type | Descriptions | | |
|------------|--------------------|--|--|
| | Shipping | | |
| Length | 3 ft, 3 in | | |
| Width | 2 ft, 1 in | | |
| Height | 1 ft, 10 in | | |
| Cube | 13 cu ft | | |
| Footprint | 7 sq ft | | |
| Weight | 120 lb | | |

References

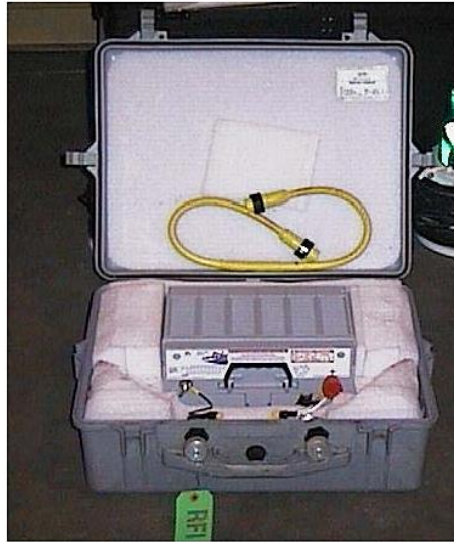
| Ref No | Reference |
|--------|--|
| 1 | Barge Light, Navigation AITS Operation Manual, Form No. 6310-0147, Automatic Power, Inc. |

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ESSM - LI0025 BATTERY PACK, FOR NAVIGATION LIGHT SYSTEM



12-Volt Battery Pack for the Navigation Light System LI0025

The 12-Volt Battery Pack for the Navigation Light System (LI0025) is a sealed, gel electrolyte, rechargeable battery. The battery is packaged and prewired in a sealable hard shipping and storage container. Two battery packs are included in the Towing Navigation Light System TS0520. These are normally wired into the lighting system in parallel to provide a longer duration of effective lighting without recharging. The battery is recharged in its storage case by attaching the system's 12-volt battery charger using the 4" battery cable. The battery is sized to provide a minimum of 15 days continuous lighting of the three navigation lights.

| Specifications | | |
|-------------------|-----------------------|-----|
| Type | Description | Qty |
| Manufacturer | Automatic Power, Inc. | |
| Model/Part number | Prevailer PV31 | |
| Voltage | 12-volt | |
| Battery type | Sealed gel cell | |

| Physical Characteristics | | | |
|--------------------------|--------------------|--|--|
| Type | Descriptions | | |
| | Shipping | | |
| Length | 1 ft, 11 in | | |
| Width | 1 ft, 7 in | | |

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Physical Characteristics

| Type | Descriptions | | |
|------------|--------------------|--|--|
| Height | 0 ft, 9 in | | |
| Cube | 3 cu ft | | |
| Footprint | 4 sq ft | | |
| Weight | 85 lb | | |

References

| Ref No | Reference |
|--------|--|
| 1 | Barge Light, Navigation AITS Operation Manual, Form No. 6310-0147, Automatic Power, Inc. |