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## Factory Installed Options

### Unit Equipment

#### **A = Ammeter**

The ammeter option provides the addition of an ammeter installed into the equipment. The ammeter will give a visual display of the current being consumed by the equipment at all times.

#### **ACF1 = 120 VAC Input Fuse**

The 120 VAC input fuse adds an additional level of electrical protection to the input side of the equipment. The fusing takes place prior to the 120 VAC input to the transformer and is pre-wired at the factory. For this reason, the utility voltage must be known prior to ordering this option.

#### **ACF2 = 277 VAC Input Fuse**

The 277 VAC input fuse adds an additional level of electrical protection to the input side of the equipment. The fusing takes place prior to the 277 VAC input to the transformer and is pre-wired at the factory. For this reason, the utility voltage must be known prior to ordering this option.

#### **ACP1 = 120 VAC Input Disconnect Switch**

The 120 VAC input disconnect switch allows for local de-energizing of the utility power for reasons of testing and or maintenance. The switch will be located internally to the equipment and is not made accessible other to those who perform maintenance on the equipment. The input switch will be pre-wired at the factory to the 120 VAC input of the transformer. For this reason, the utility voltage must be known prior to ordering this option.

#### **ACP2 = 277 VAC Input Disconnect Switch**

The 277 VAC input disconnect switch allows for local de-energizing of the utility power for reasons of testing and or maintenance. The switch will be located internally to the equipment and is not made accessible other to those who perform maintenance on the equipment. The input switch will be pre-wired at the factory to the 277 VAC input of the transformer. For this reason, the utility voltage must be known prior to ordering this option.

#### **BDS = Battery Disconnect Switch**

The battery disconnect switch allows for the electrical switching between the battery and the connected load (lamp heads) whether they be directly mounted to the equipment or installed as remote lamp heads. The switch will be located internally to the equipment and is not made accessible other to those who perform maintenance on the equipment.

#### **T = Self-Testing Diagnostics\***

The 'T' option is only applicable in equipment with Smart Charger diagnostics. The self-testing option enables a periodic self-test of the equipment. The test routine is established to perform a one-minute test every thirty days with a 30-minute test performed on the sixth and twelfth month. This test program satisfies the requirements of the periodic test requirements in NFPA 101, the IBC and the NEC.

#### **TA = Audible Self-Testing Diagnostics\***

The 'TA' option is only applicable in equipment with Smart Charger diagnostics. The audible self-testing option enables a periodic self-test of the equipment. The test routine is established to perform a one-minute test every thirty days with a 30-minute test performed on the sixth and twelfth month. This test program satisfies the requirements of the periodic test requirements in NFPA 101, the IBC and the NEC. Additionally, should the diagnostics circuit ever detect a fault in the equipment, an audible tone will accompany the visual fault indicator, notifying the facility of any product discrepancies.

**\*NOTE:** THERE ARE NO EXCEPTIONS ALLOWED FOR THE ANNUAL 90-MINUTE DISCHARGE TEST REQUIRED BY CODES. THE ANNUAL 90-MINUTE TEST MUST STILL BE MANUALLY ACTIVATED BY THE FACILITY.

#### **TD = Time Delay (default 15-minute)**

The time delay circuit causes the emergency lighting equipment to remain under battery power for a period of 15-minutes AFTER the utility power has been restored. This feature is used in areas that employ re-strike lamps so lighting, at some level, is available during the warm-up period for the normal lighting. This option satisfies a portion of article 700.16 in the NEC.

#### **V = Voltmeter**

The voltmeter option provides the addition of a voltmeter installed into the equipment. The voltmeter will give a visual display of the voltage condition/level of the battery.