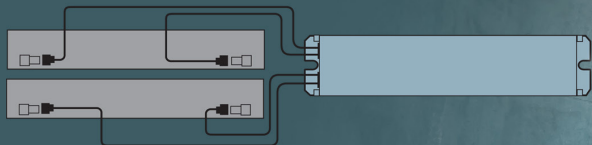


COLD-WEATHER / INGRESS-PROTECTED

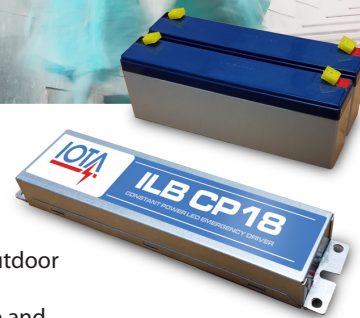


Superior Performance for Demanding Outdoor Paths of Egress...

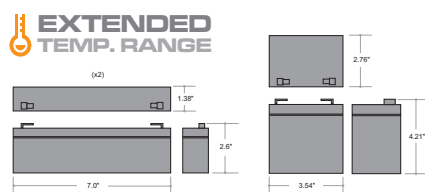
IOTA® ILB CP18 HE CW

Emergency LED Driver

The IOTA® **ILB CP18 HE CW** delivers confident constant power emergency performance for outdoor LED fixture designs in temperatures ranging from -20° to 60°C and includes a specialized test accessory for protection against moisture and debris penetration. Wide forward voltage range and impressive surge threshold, along with IOTA's other exception design standards, make the ILB CP18 the ideal emergency driver solution for fixtures along the outdoor path of egress.



Sealed Battery Design Performs in -20° to 60° C
 The ILB CP18 features a compact sealed lead acid battery design capable of reliable performance in extended temperatures without the use of an additional thermal blanket and circuit. The battery is available as a **single** or **dual component** to accommodate the installation requirements within the fixture.



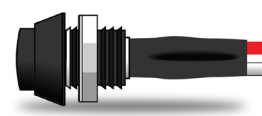
18-Watt Constant Power Lumen Delivery
 IOTA's patented Constant Power performance ensures the LED array operates at the full rated wattage for the entire emergency runtime. Constant Power means the emergency lumens are simple to calculate and lumen performance will not diminish during emergency operation.

Fixture Efficacy	Minute 1	Minute 45	Minute 90
100 lm/W	1800	1800	1800
110 lm/W	1980	1980	1980
120 lm/W	2160	2160	2160
130 lm/W	2340	2340	2340

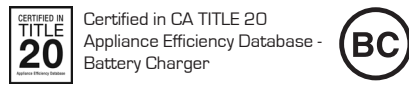
Auto-Sense Forward Voltage
 The ILB CP18 features a wide Class 2 Forward Voltage of 20 to 58VDC. The Auto-Sense design detects the required load voltage to operate the LEDs at the needed voltage. The Auto-Sense capability provides confident compatibility and eliminates the need for additional emergency driver SKUs to accommodate varying LED voltage requirements.



IP Rated Test Switch
 The ILB CP18 utilizes an IP67 rated test switch to allow for code-required testing of the emergency function without intrusion of moisture or debris within the fixture. The **IPS** ingress-protected single-piece test switch also serves as the illuminated charge indicator for displaying the AC charge status of the emergency battery.



Certified in the CA Title 20 Appliance Efficiency Database
 IOTA's High-Efficiency "HE" design eliminates unnecessary power consumption in the standby mode. The design meets the energy performance requirements for CA Title 20 and is registered in the Modernized Appliance Efficiency Database System (MAEDBS) as a small battery charger ("BC").



The ILB CP18 Emergency LED Driver

Specifications

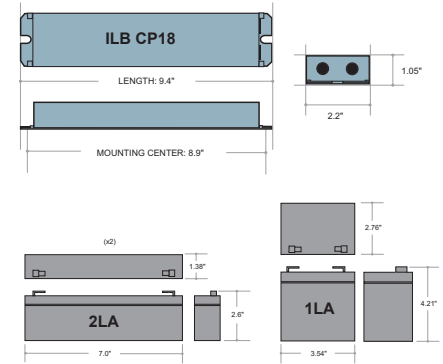
Input Voltage	(Universal) 120-277VAC, 50/60Hz
Input Rating (120/277)	65 mA (max)
Output Voltage	20-58VDC Class 2 Compliant
Output Current	0.9A (@20VDC) - 0.31A (@58VDC)
Output Power	18 Watts (constant)
Max. AC Driver Output Current	5A _{dc}
Power Factor	≥ 0.9*
Surge Protection	Meets or Exceeds ANSI/IEEE C62.41.2-2002
Emergency Operation	90 minutes
Operating Temp	-20° to 60° C
THD	< 10%
EMI	Complies to FCC commercial limits
Battery	Sealed Lead Acid Battery 24 Hour Recharge
Weight (incl. batteries)	6.0 lbs
Certifications	cUL 924 Listed for field and factory installation CA T20 Appliance Efficiency Database

* PF is ≥0.6 for 277Vac



Dimensions

ILB CP18 HE CW Component Housing: 9.4" x 1.05" x 2.2"
 ILB CP18 HE CW 1LA Battery: 3.54" x 4.21" x 2.76"
 ILB CP18 HE CW 2LA Battery: 7" x 2.6" x 1.38" (x2)

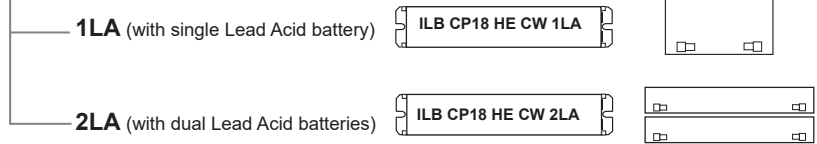


Models



Understanding Your IOTA Driver Model:

- ILB** = IOTA Emergency LED Driver
- CP**** = Constant Power Performance at the rated wattage
- HE** = High Efficiency for CA Title 20
- CW** = (Cold Weather) Extended Temperature Performance



Installation

The **ILB CP18 HE CW** and batteries are designed for installation within the compartment space. An IP67-rated test accessory (IPS) is provided to serve as a charge indicator and test switch outside the fixture.

