



Emergency lighting solution for safer, smarter buildings.



Because when everything goes dark,
your solution can't afford to fail



HYTRONIK®
SENSORS & LIGHTING CONTROL

Koolmesh®
— TAILOR MAKE YOUR SOLUTION



Automated testing - no manual intervention required

Predictive maintenance - know when to replace batteries before they fail

Universal compatibility - no need to overhaul your entire infrastructure

Retrofittable installation - quick and disruption-free

- Hytronik Emergency LED Drivers and Inverters provide reliable safety, smart control, and effortless operation – keeping you protected anytime, anywhere.
- Emergency lighting with exit signs is present in nearly all public spaces. It plays a vital role in ensuring safe and orderly evacuation during emergencies. When every second counts, your lighting must perform flawlessly.





Advanced or standard: The right emergency lighting for every project

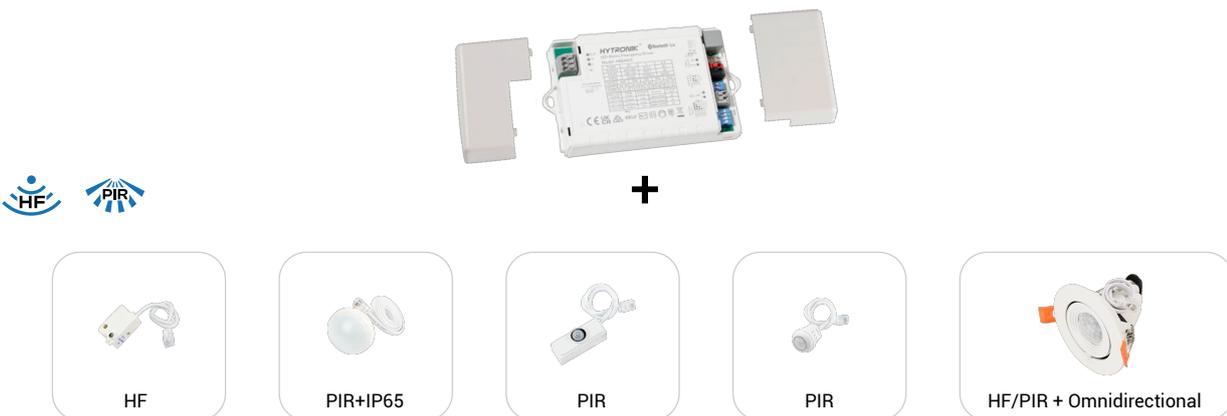
One Promise: Safety, Compliance and Reliability, no matter the scale or complexity of your installation.

Emergency working mode:

- Normal
- Emergency
- Rest
- Inhibit
- Extended Emergency

■ Advanced Version

For large-scale or critical installations requiring predictive maintenance, sensor integration and smart monitoring.



■ Standard / Economic Version

For cost-sensitive or standard projects delivering reliable emergency lighting with minimal complexity.



How Does Hytronik Simplify Emergency Lighting?

■ Smarter design

■ Easier testing

■ Lower maintenance effort



Battery Life Prediction: Proactively know when batteries need replacement, avoiding downtime.



Wireless Monitoring: Bluetooth & DALI compatibility for effortless system management. Always know the health status of your emergency lighting.



Flexible Integration: Works with occupancy, daylight, and circadian sensors for intelligent building automation.



Retrofittable: Upgrade old systems without disruption.

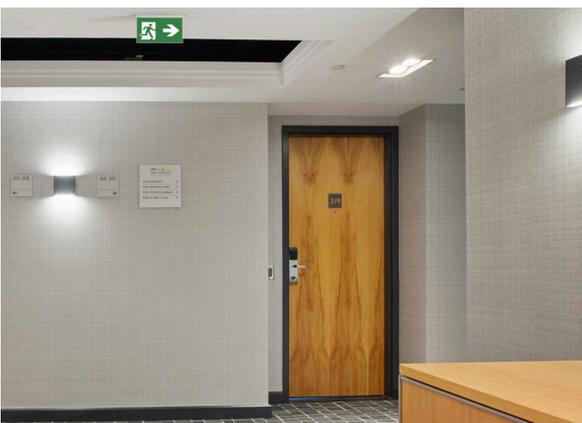
Main Applications



Commercial Buildings



Healthcare Facilities



Schools & Universities



Industrial Sites



Would your current emergency lighting system pass an inspection today?

Most emergency lighting systems fail without warning.
And many professionals won't know... until it's too late.

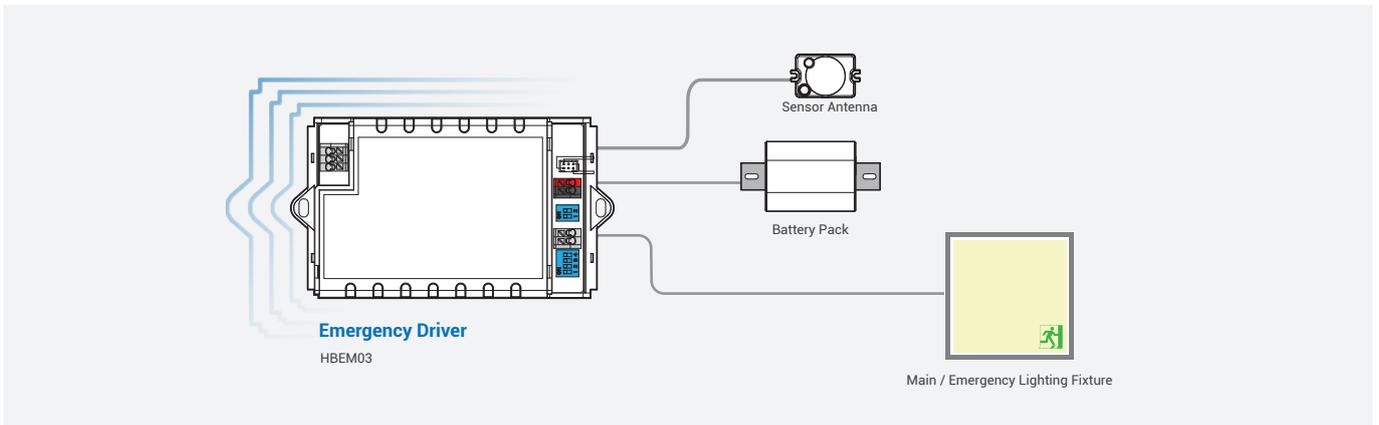
In the next pages, discover the emergency lighting solutions that protect your projects -even when everything goes dark.

Our Featured Products

Combo Drivers (3-in-1)

Driver, emergency inverter, and sensor in one unit.

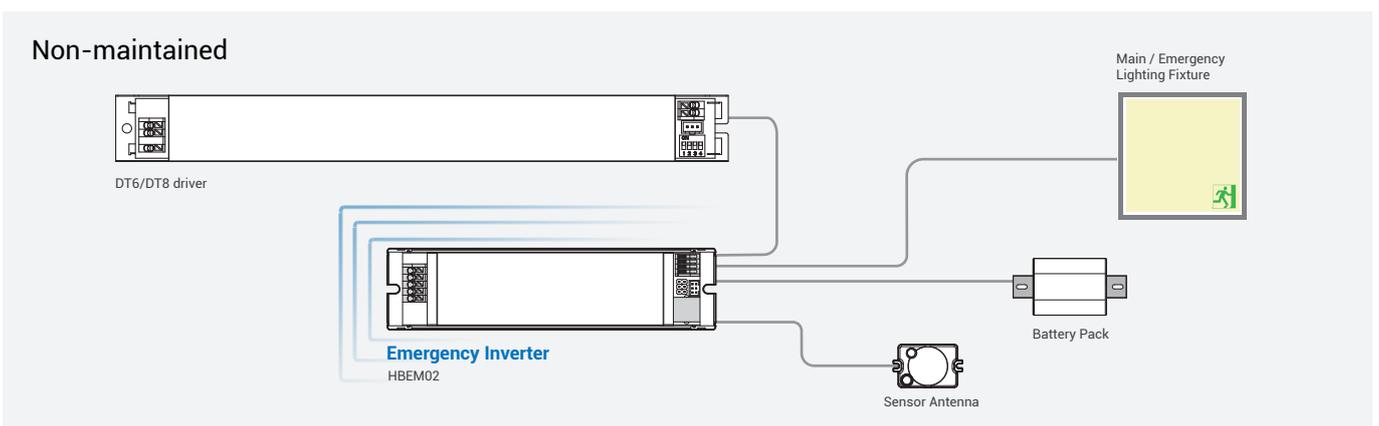
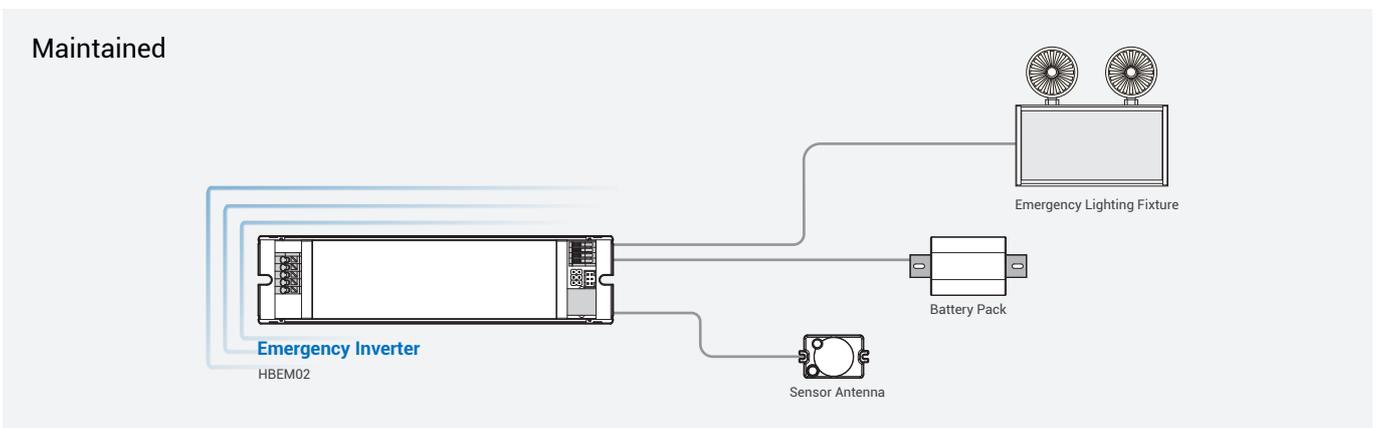
- Economic: cost-efficient basic emergency operation
- Advanced: sensor head integration + predictive battery monitoring



Emergency Inverter

Standalone retrofit units for luminaires without emergency.

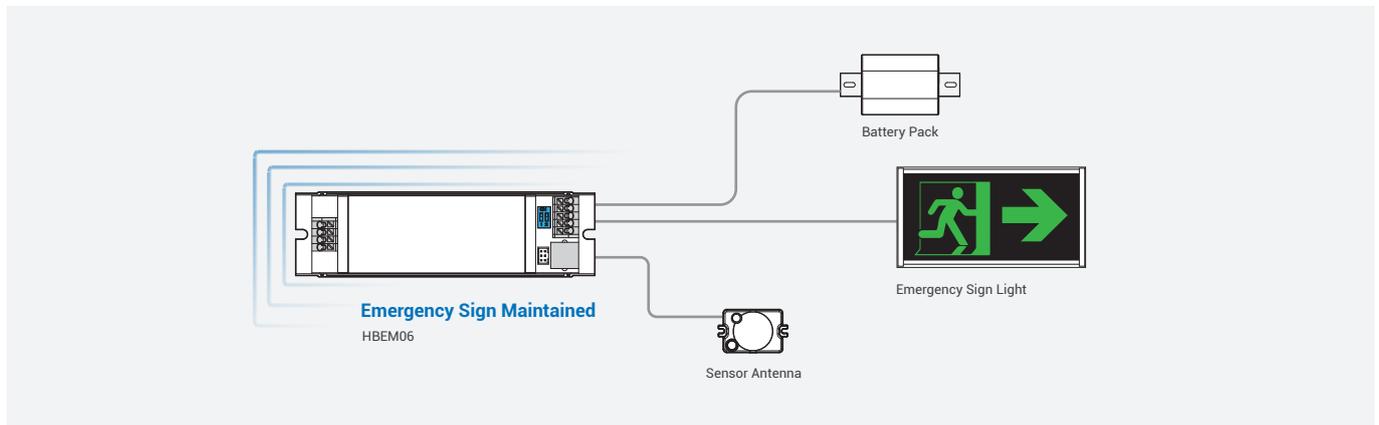
- Economic: reliable, cost-efficient emergency power
- Advanced: smart monitoring & sensor integration



Emergency Sign Maintained

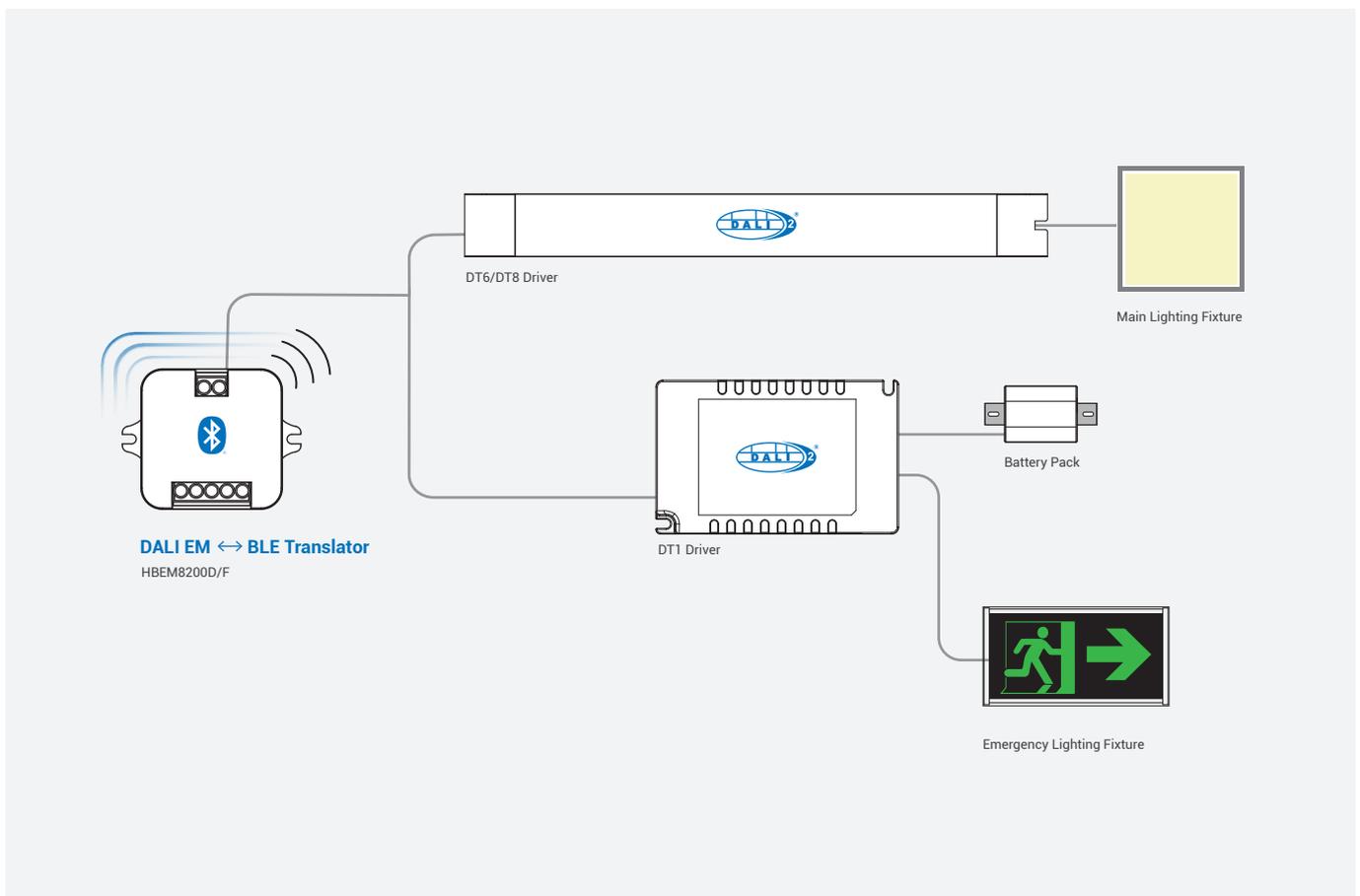
Keep exit signs illuminated and compliant during emergencies.

- Economic: reliable, cost-efficient emergency power
- Advanced: smart monitoring & sensor integration



DALI EM ↔ BLE Translator

Upgrade any DALI emergency system to wireless mesh for remote monitoring & predictive maintenance.



Product Overview

Emergency Combo Driver 3-in-1

(Mains-driver & Inverter & Plug-and-play motion sensor)

Designation	Input Voltage / Current	Uout max.	Output Power / Current / Voltage range	Emergency Output Power / Current / Voltage range	Dimensions (L x W x H mm)	LED indicator & Test switch	Optional Battery Pack	Page
 <p>Max. 25W HBEM01</p>	220~240VAC / 162-150mA	60V	8-17.5W / 350mA / 24-50V 12-25W / 500mA / 24-50V 16-25W / 700mA / 24-36V	2W / 85-40mA / 24-50V 3W / 125-60mA / 24-50V	108 x 69 x 22.2	√	BPC83 BPC84	10 P
 <p>Max. 40W HBEM03</p>	220~240VAC / 240-220mA	60V	8-17.5W / 350mA / 24-50V 12-25W / 500mA / 24-50V 16-33.5W / 700mA / 24-48V 16-40.5W / 900mA / 24-45V 25-40W / 1050mA / 24-38V	2W / 85-40mA / 24-50V 3W / 125-60mA / 24-50V 4W / 160-80mA / 24-50V	140.7x 79.2 x 23	√	BPC83 BPC84	12 P

Emergency Inverter

(Inverter & Plug-and-play motion sensor)

Designation	Input Voltage / Current	Uout max.	Emergency Output Power / Current / Voltage range	Dimensions (L x W x H mm)	LED indicator & Test switch	Optional Battery Pack	Page
 <p>HBEM02</p>	220~240VAC / Max. 25mA	60V	2W / 85-40mA / 24-55V 3W / 125-60mA / 24-55V 4W / 160-80mA / 24-55V	160 x 39.7 x 21.3	√	BPC83 BPC84	14 P
 <p>HBEM04</p>	220~240VAC / Max. 30mA	60V	2W / 85-40mA / 24-55V 3W / 125-60mA / 24-55V 4W / 160-80mA / 24-55V 5W / 200-100mA / 24-55V	108 x 69 x 22.2	√	BPC83 BPC84	16 P
 <p>HBEM05</p>	220~240VAC / Max. 50mA	60V	6W / 250-100mA / 24-55V 8W / 330-145mA / 24-55V 10W / 415-180mA / 24-55V 12W / 500-220mA / 24-55V	108 x 69 x 22.2	√	BPC85	18 P

*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Emergency Sign Maintained

(Mains-driver & Inverter & Plug-and-play motion sensor)

Designation	Input Voltage / Current	Uout max.	Output Power / Current / Voltage range	Emergency Output Power / Current / Voltage range	Dimensions (L x W x H mm)	LED indicator & Test switch	Optional Battery Pack	Page
 <p>NEW</p> <p>Max. 4W HBEM06</p>	220~240VAC Max. 25mA	15V	1W/2W/4W	1W / 330-125mA / 3-8V 2W / 650-250mA / 3-8V 4W / 1300-500mA / 3-8V	139 × 39.7 × 21.3	✓	BPC81 BPC83 BPC84	20 P

+ 6 optional configurations for free combination (15 plug-and-play sensor antennas in total)

<p>1</p> <p>Modular Design</p> <p>Emergency driver & inverter + compact sensor head</p>	<p>2</p> <p>Universal Adaptability</p> <p>HF/PIR, IP20-IP65, low/high-bay</p>	<p>3</p> <p>Multi-Sensor Fusion</p> <p>Motion + daylight in ultra-mini size</p>	<p>4</p> <p>Easy Combination</p> <p>RJ12 Plug-and-Play connectivity</p>
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HF

				
SAM20	SAM23	SAM21	SAM22	SAM22/AA

PIR

				
HIR11/C	HIR11/F	HIR12	HIR07	HIR05
				
HIR05/FM	HIR63	HIR63/R	HIR11/AA	HIR11/S

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Bluetooth ↔ DALI Emergency Translator

Designation	Input Voltage	Output	Dimensions (L x W x H mm)	Switch-Dim	Connective to Sensor	Page
 HBEM8200D/F	220~240VAC	DALI/DALI-2 Max. 100mA	58 x 46 x 18	✓	/	22 P
 HBEM038	220~240VAC	DALI/DALI-2 30mA Power Supply (PSU)	120 x 30 x 21	✓	✓	23 P
 HBEM049	220~240VAC	DALI/DALI-2 I max. 50mA	128 x 29 x 34	✓	/	24 P
 HBIREM29 Series	220~240VAC	DALI/DALI-2 I max. 80mA	79.2 x 62.2 x 62.2	✓	/	25 P

Battery Pack

Designation	Battery Type	Specification	Dimensions (L x W x H mm)	Recharge Time	Page
 BPC83	LiFePO4	6.4V, 3.6Ah	105 x 53 x 27.5	24h	27 P
 BPC84	LiFePO4	6.4V, 3.6Ah	174.8 x 26.5 x 29	24h	27 P
 BPC85	LiFePO4	12.8V, 3.6Ah	100 x 56.5 x 66.5	24h	27 P

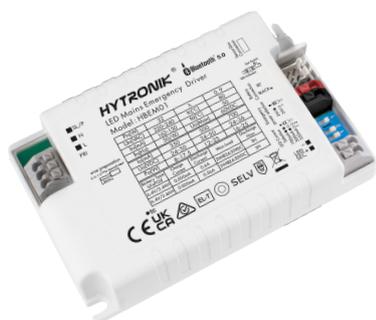
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Emergency Combo Driver 3-in-1

(Mains-driver & Inverter & Plug-and-play motion sensor)

Max. 25W(CC) Main Output

Max. 3W EM Output



HBEM01

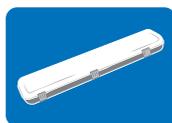
Key Benefits

- Self-contained Emergency & LED drivers combination with self-test function
- Non-maintained and maintained operations
- Mains & Emergency output (2W/3W) selection via DIP switch
- Dimmable via switch-dim or Koolmesh app in maintaining mode
- Plug-and-play sensor with Photocell Advance™ technology for daylight & motion detection
- Active PFC design
- Abnormal protection for short-circuit, overload and open-circuit
- SELV classified (indicator LED, battery pack, test switch)
- Customized manual test switch (single press, long press)
- 5 year design life for battery (up to 30°C ambient temperature)
- Battery life prediction and abnormal protection
- Wireless scheduling of monthly and annual EM tests via Koolmesh App
- Ideal for main lighting fixtures with emergency function requirements

Where it Fits



Bulkhead



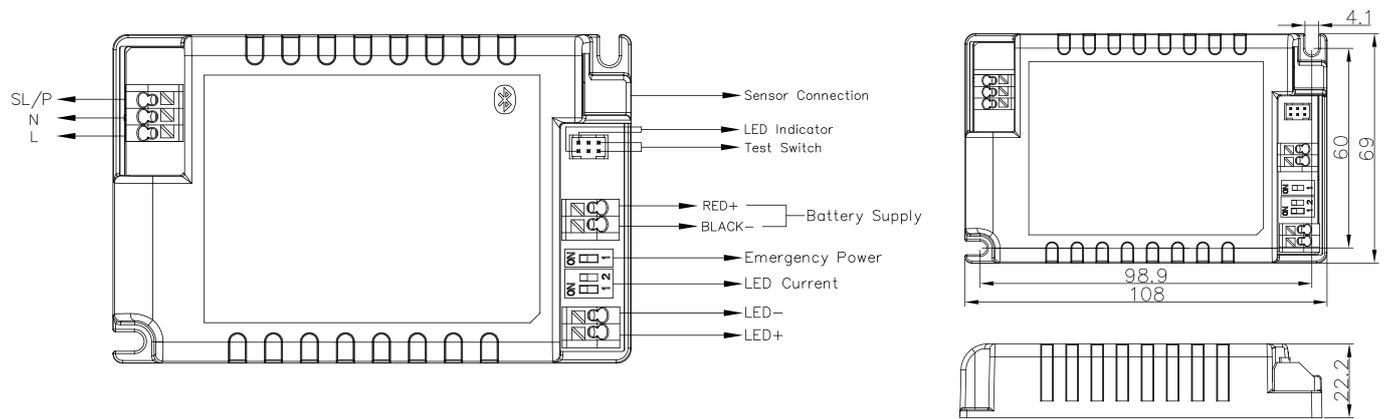
Tri-proof

Technical Specifications

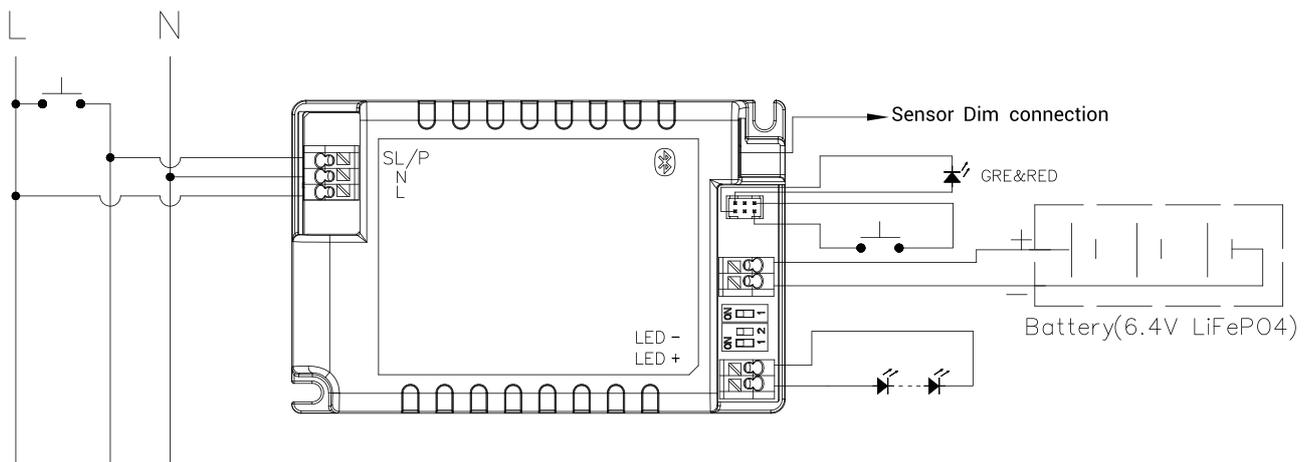
Designation		Output Voltage (Uout Max.)	Power Factor	Main Output Power / Current / Voltage Range
HBEM01		60V	>0.9	8-17.5W / 350mA / 24-50V 12-25W / 500mA / 24-50V 16-25W / 700mA / 24-36V
Input Current	Input Voltage	Efficiency	In-rush Current (Imax.) Pulse Time	Emergency Output Power / Current / Voltage Range
162~150mA	220-240 VAC	85% (max.)	21A / 80 μs	2W / 85-40mA / 24-50V 3W / 125-60mA / 24-50V
Optional Battery Pack		Discharge Current	Charge Current	Max. Load / Discharge Hour
BPC83	BPC84	6.4V, 3.6AH	0-500mA	0.4A, 2W@24 - 50V / 3H 0.56A, 3W@24 - 50V / 3H

*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Mechanical Structure (unit: mm)



Wiring Diagram



*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Emergency Combo Driver 3-in-1

(Mains-driver & Inverter & Plug-and-play motion sensor)



Max. 40W(CC) Main Output

Max. 4W EM Output



HBEM03

Key Benefits

- Self-contained Emergency & LED drivers combination with self-test function
- Non-maintained and maintained operations
- Mains & Emergency output (2W/3W/4W) selection via DIP switch
- Dimmable via switch-dim or Koolmesh app in maintaining mode
- Plug-and-play sensor with Photocell Advance™ technology for daylight & motion detection
- Active PFC design
- Abnormal protection for short-circuit, overload and open-circuit
- SELV classified (LED Indicator, battery, test switch)
- Customized manual test switch (single press, long press)
- 5 year design life for battery (up to 30°C ambient temperature)
- Battery life prediction and abnormal protection
- Enables Wireless scheduling of monthly and annual EM tests via Koolmesh App
- Ideal for main lighting fixtures with emergency function requirements
- Provides insulating cover accessories for standalone installation

Where it Fits



LED Panel



Bulkhead



Tri-proof

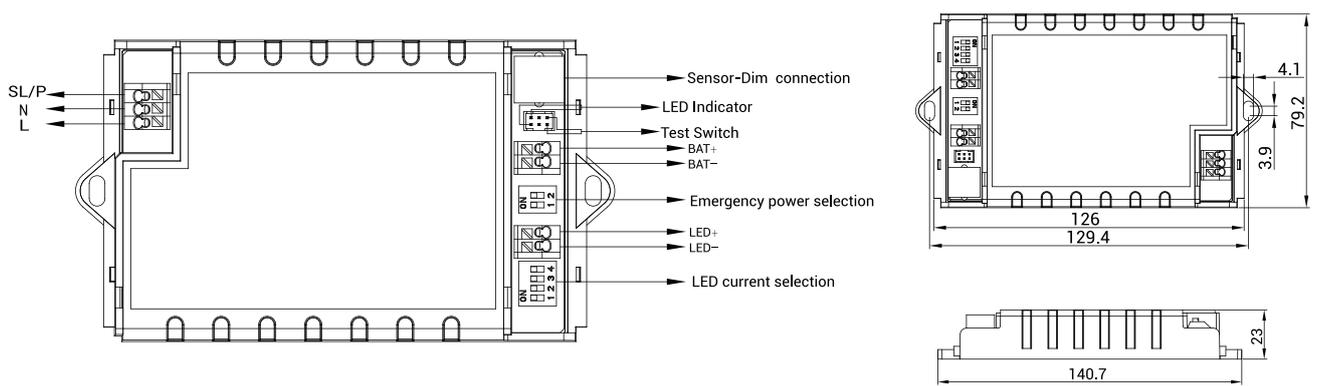
Technical Specifications

Designation	Input Voltage/ Input Current	Output Power	Output Power / Current / Voltage Range	Efficiency	Output Voltage (Uout Max.)	Emergency Output Power / Current / Voltage Range
HBEM03	220-240 VAC 240~220mA	40W (max.)	8-17.5W / 350mA / 24-50V 12-25W / 500mA / 24-50V 16-33.5W / 700mA / 24-48V 16-40.5W / 900mA / 24-45V 25-40W / 1050mA / 24-38V	88% (max.)	60V	2W / 85-40mA / 24-50V 3W / 125-60mA / 24-50V 4W / 160-80mA / 24-50V

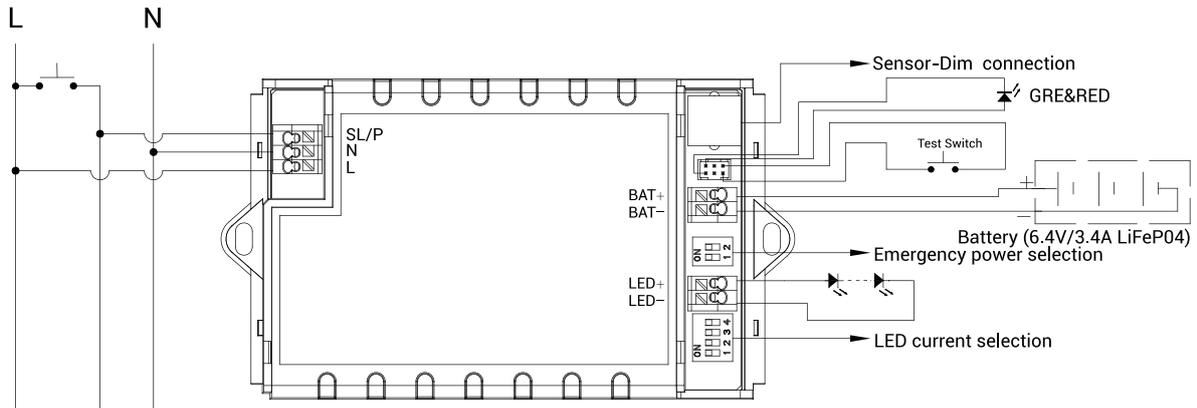
Optional Battery Pack	Discharge Current	Charge Current	Max. Load / Discharge Hour
BPC83 BPC84	6.4V, 3.6AH	0-500mA	0.4A, 2W@24 - 50V / 3H 0.56A, 3W@24 - 50V / 3H 0.8A, 4W@24-50V / 3H

*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Mechanical Structure (unit: mm)



Wiring Diagram



Compatible Plug-and-play Sensor Antenna



*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Emergency Inverter

(Inverter & Plug-and-play motion sensor)

Max. 4W EM Output

For ON/OFF Drivers



HBEM02

Key Benefits

- Self-contained Emergency with self-test function
- EM power selection via DIP switch(2W/3W)
- Plug-and-play sensor with Photocell Advance™ technology for daylight & motion detection
- Abnormal protection for short-circuit, overload and over-heat
- SELV classified (LED indicator, battery, test switch)
- Customized manual test switch (single press, long press)
- 5 year design life for battery (up to 30°C ambient temperature)
- Battery life prediction and abnormal protection
- Wireless monthly and annual EM tests via Koolmesh App
- Designed for on/off control drivers
- Add an emergency function to the main lighting fixtures

Where it Fits



Bulkhead



Tri-proof



Pendant



Linear



Combination
Emergency Light

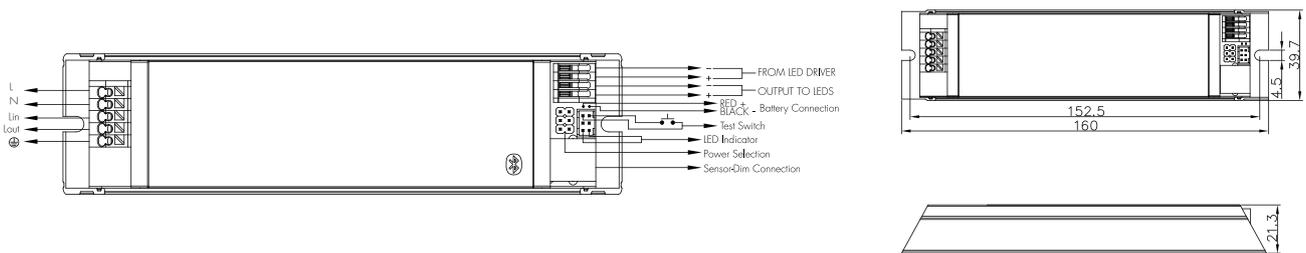
Technical Specifications

Designation	Input Voltage/ Input Current	Output Voltage(Uout)	In-rush Current (Imax.)/ Pulse Time	Emergency Output Power / Current / Voltage Range
HBEM02	220-240 VAC max. 25mA	60V (max.)	6A/120 μs	2W / 85-40mA / 24-55V 3W / 125-60mA / 24-55V 4W / 160-80mA / 24-55V

Optional Battery Pack	Discharge Current	Charge Current	Max. Load / Discharge Hour
BPC83 BPC84	6.4V, 3.6AH	0-500mA	0.45A, 2W@24 - 55V / 3H 0.65A, 3W@24 - 55V / 3H 0.85A, 4W@24 - 55V / 3H

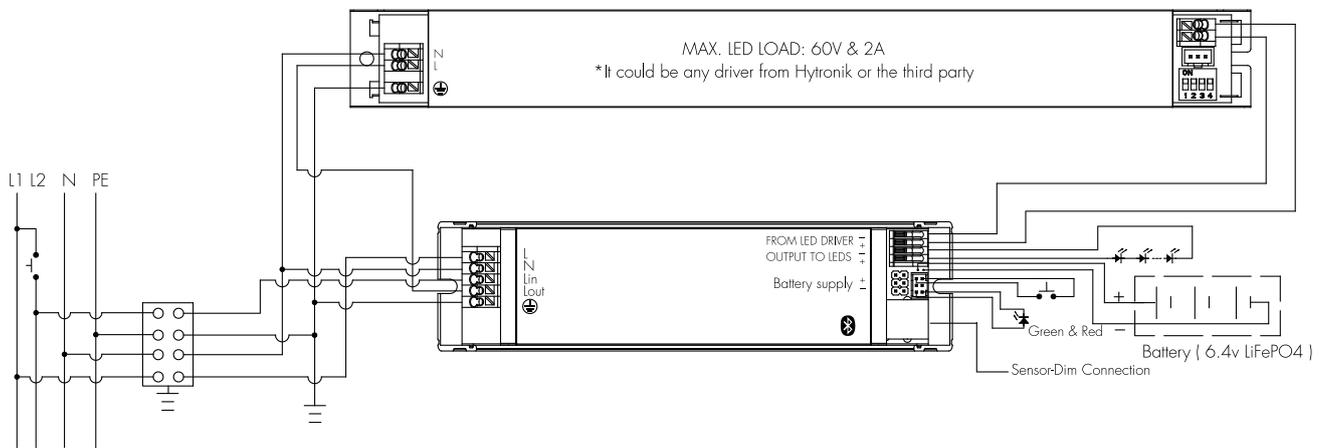
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Mechanical Structure (unit: mm)

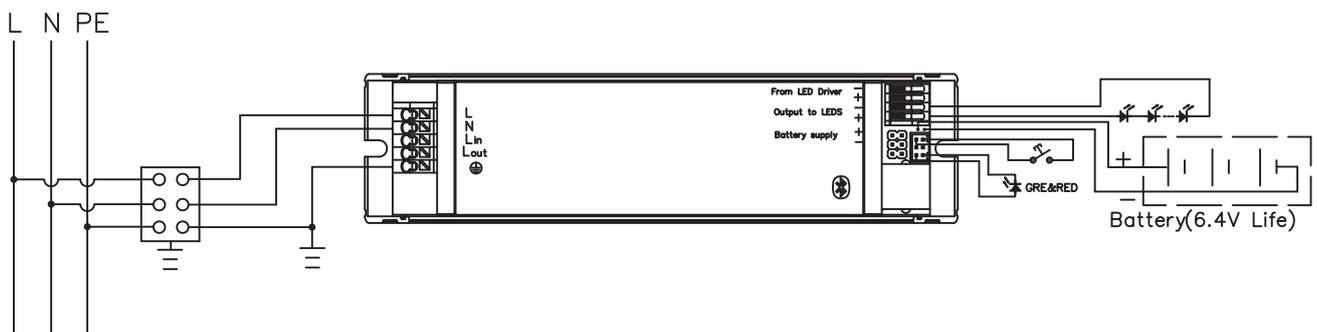


Wiring Diagram

Maintained



Non-maintained



*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Emergency Inverter

(Inverter & Plug-and-play motion sensor)

Max. 5W EM Output

For DALI Dimmable Drivers



HBEM04

Key Benefits

- Self-contained Emergency with self-test function
- EM power selection via DIP switch (2W/3W/4W/5W)
- Plug-and-play sensor with Photocell Advance™ technology for daylight & motion detection
- Abnormal protection for short-circuit and over-heat
- Wireless monthly and annual EM tests via Koolmesh App
- SELV classified (LED indicator, battery, test switch)
- Customized manual test switch (single press, long press)
- 5 year design life for battery (up to 30°C ambient temperature)
- Battery life prediction and abnormal protection
- Designed for DALI dimmable drivers
- Add an emergency function to the main lighting fixtures

Where it Fits



Bulkhead



Tri-proof



Combination
Emergency Light

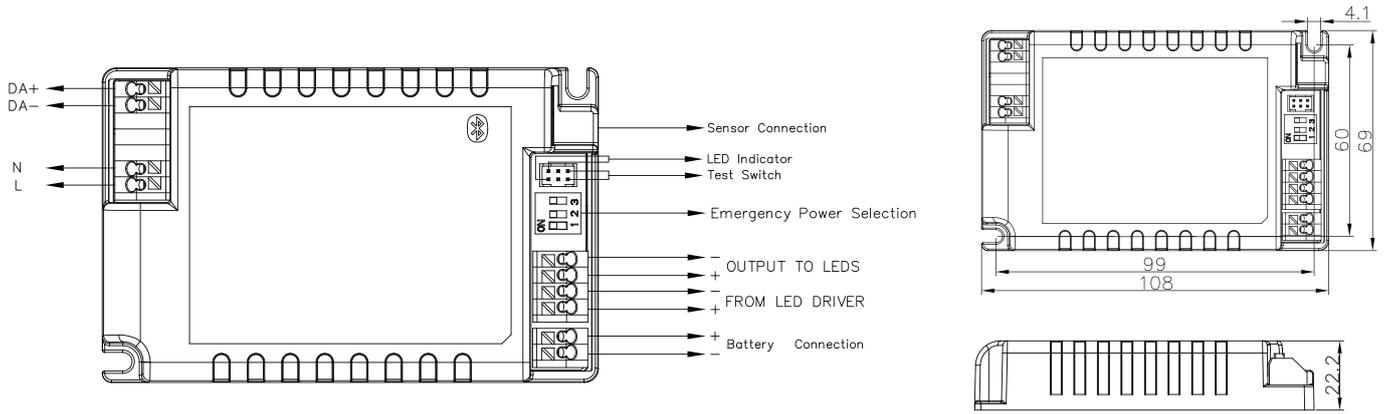
Technical Specifications

Designation	Input Voltage/ Input Current	Output Voltage(Uout)	In-rush Current (Imax.)/ Pulse Time	Emergency Output Power / Current / Voltage Range
HBEM04	220-240 VAC max. 30mA	60V (max.)	25A/80µs	2W / 85-40mA / 24-55V 3W / 125-60mA / 24-55V 4W / 160-80mA / 24-55V 5W / 200-100mA / 24-55V

Optional Battery Pack	Discharge Current	Charge Current	Max. Load / Discharge Hour
BPC83 BPC84	6.4V, 3.6AH	0-500mA	0.45A,2W@24-55V/3H 0.65A,3W@24-55V/3H 0.85A,4W@24-55V/3H 1.05A,5W@24-55V/3H

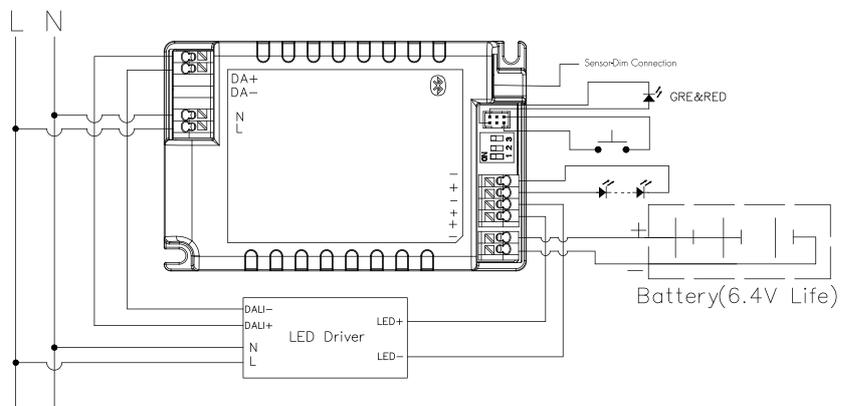
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Mechanical Structure (unit: mm)

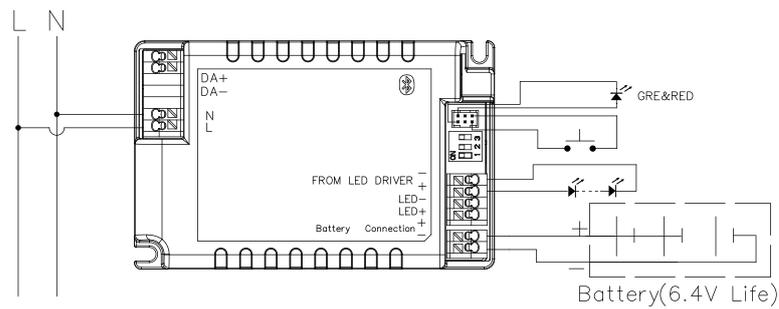


Wiring Diagram

Maintained



Non-maintained



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Emergency Inverter

(Inverter & Plug-and-play motion sensor)



Max. 12W EM Output

For DALI Dimmable Drivers



HBEM05

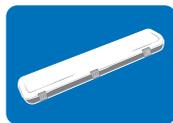
Key Benefits

- Self-contained Emergency with self-test function
- EM power selection via DIP switch (6W/8W/10W/12W)
- Plug-and-play sensor with Photocell Advance™ technology for daylight & motion detection
- Abnormal protection for short-circuit and over-heat
- Wireless monthly and annual EM tests via Koolmesh App
- SELV classified (LED indicator, battery, test switch)
- Customized manual test switch (single press, long press)
- 5 year design life for battery (up to 30°C ambient temperature)
- Battery life prediction and abnormal protection
- Designed for DALI dimmable drivers
- Add an emergency function to the main lighting fixtures

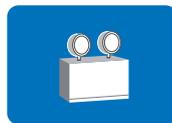
Where it Fits



Bulkhead



Tri-proof



Combination
Emergency Light

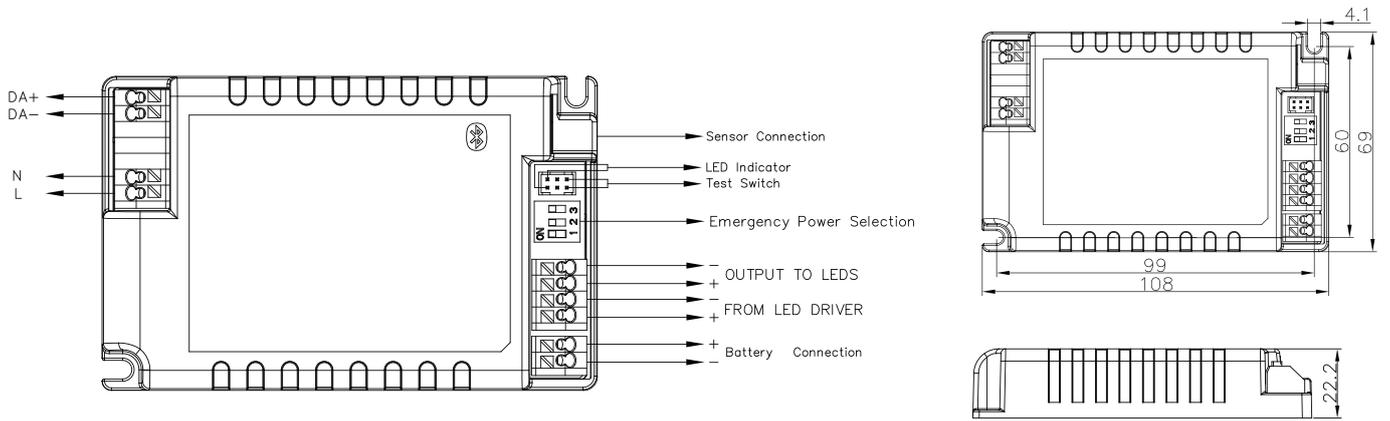
Technical Specifications

Designation	Input Voltage/ Input Current	In-rush Current (Imax.)/ Pulse Time	Output Voltage(Uout)	Emergency Output Power / Current / Voltage Range
HBEM05	220-240 VAC max. 50mA	25A/80µs	60V (max.)	6W / 250-100mA / 24-55V 8W / 330-145mA / 24-55V 10W / 415-180mA / 24-55V 12W / 500-220mA / 24-55V

Optional Battery Pack	Discharge Current	Charge Current	Max. Load / Discharge Hour
BPC85	12.8V,3.6AH	0-500mA	0.6A,6W@24-55V/3H 0.8A,8W@24-55V/3H 1A,10W@24-55V/3H 1.2A,12W@24-55V/3H

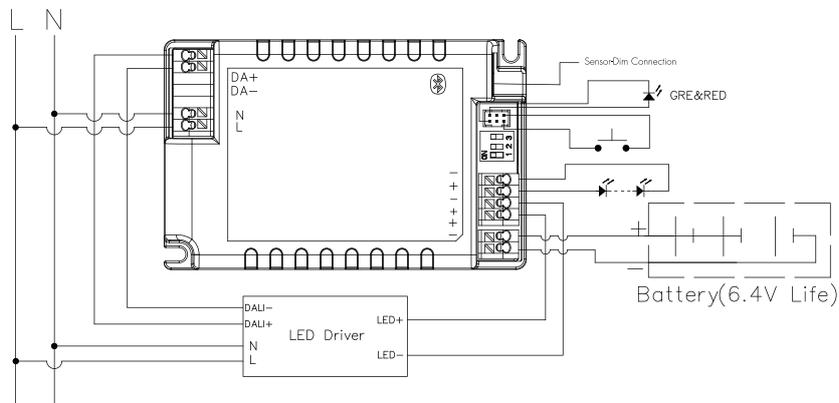
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Mechanical Structure (unit: mm)

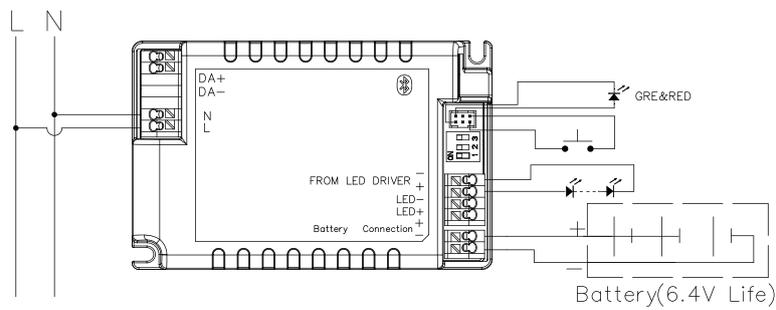


Wiring Diagram

Maintained



Non-maintained



Compatible Plug-and-play Sensor Antenna



*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Emergency Sign Maintained

Maintain and non-maintain



Max. 4W Main & EM Output

 NEW



HBEM06

Key Benefits

- Self-contained Emergency & LED drivers combination with self-test function
- Non-maintained and maintained operations
- Output selection via DIP switch
- 4W Low-Power Main Power supply
- Plug-and-play sensor with Photocell Advance™ technology for daylight & motion detection
- SELV classified (LED indicator, battery, test switch)
- Customized manual test switch (single press, long press)
- 5 year design life for battery (up to 30°C ambient temperature)
- Abnormality prediction for short-circuit and overheat
- Battery life prediction and abnormal protection
- Compact design suitable for Emergency Exit Sign light
- Compatible with 2-wire/3-wire battery packs with temp. protection

Where it Fits



Emergency
Exit Sign Light



Combination
Emergency Light

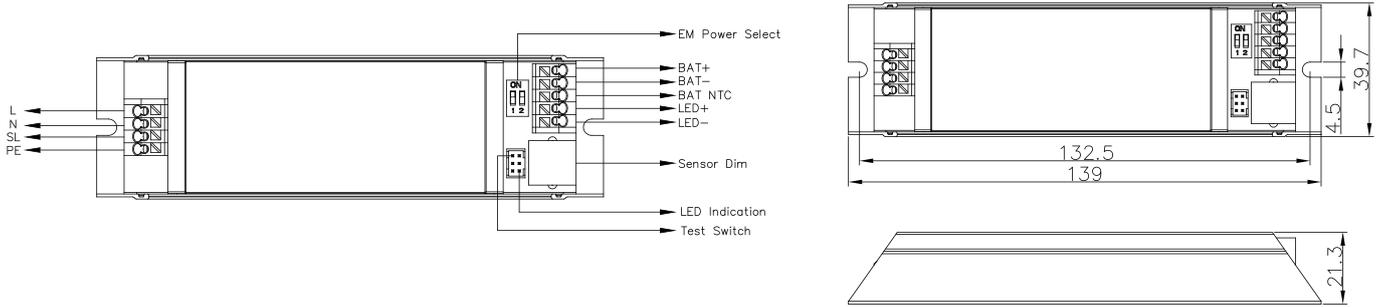
Technical Specifications

Designation	Input Voltage/ Input Current	Output Voltage(Uout)	Output Power	Output Power / Current / Voltage Range
HBEM06	220-240 VAC 50mA	15V (Max.)	1W/2W/4W	1W / 330-125mA / 3-8V 2W / 650-250mA / 3-8V 4W / 1300-500mA / 3-8V

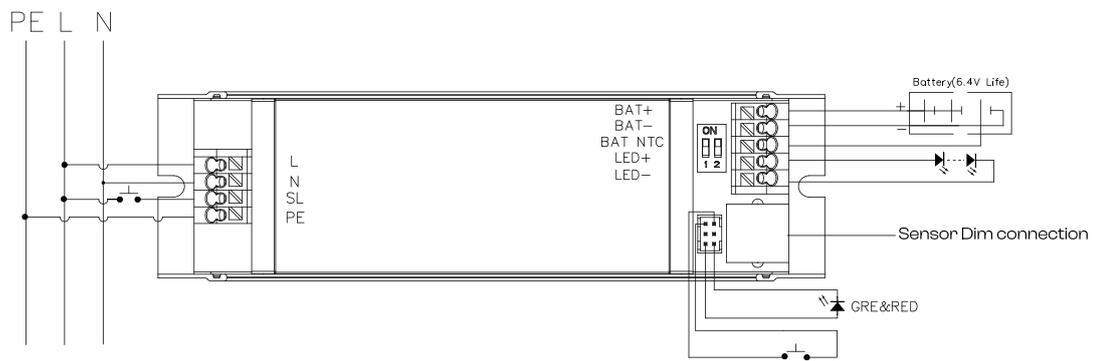
Optional Battery Pack	Discharge Current	Charge Current	Max. Load / Discharge Hour
BPC81	6.4V/1.6AH	0-500mA	0.25A 1W @3-8V/3H
BPC83 BPC84	6.4V, 3.6AH	0-500mA	0.4A 2W @3-8V/3H 0.85A 4W @3-8V/3H

*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Mechanical Structure (unit: mm)



Wiring Diagram



Compatible Plug-and-play Sensor Antenna



*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Bluetooth ↔ DALI Emergency Translator



100mA DALI PSU

Switch-Dim & Bluetooth

Screw Mounting



HBEM8200D/F

Key Benefits

- Converts DALI/DALI-2 emergency driver output to Bluetooth control
- Compact design for seamless fixture retrofit
- Built-in 100mA DALI PSU, supports DT6/DT8 drivers
- Includes 2 push inputs for manual test and reset
- Enables wireless scheduling of monthly and annual EM tests via Koolmesh App
- Sends real-time email alerts on faults or test failures

Where it Fits



LED Panel



Bulkhead



Tri-proof

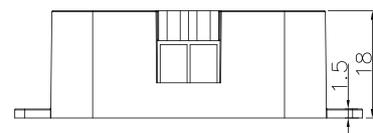
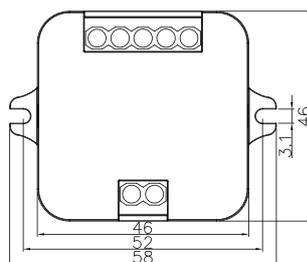
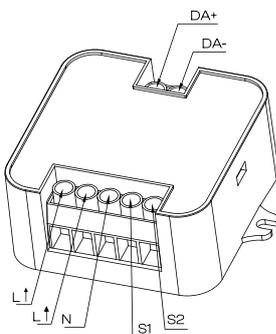


Pendant



Linear

Mechanical Structure (unit: mm)



*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Bluetooth ↔ DALI Emergency Translator



30mA DALI PSU

Switch-Dim & Bluetooth



HBEM038

Key Benefits

- Converts DALI/DALI-2 emergency drivers output to Bluetooth control
- Plug-and-play compatibility with various HF and PIR sensor heads
- Built-in 30mA DALI PSU, supports DT8 LED drivers
- Includes 2 push inputs for manual test and reset
- Enables wireless scheduling of monthly and annual EM tests via Koolmesh app
- Sends real-time email alerts on faults or test failures
- Ideal for easy retrofit in luminaires with compact design

Optional Accessories

Reinforced Bluetooth Range Antenna [HA01 W & HA01 B]



FPC (Flexible Antenna)



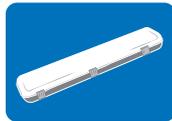
Where it Fits



LED Panel



Bulkhead



Tri-proof



Pendant

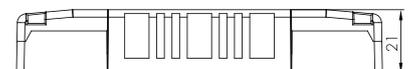
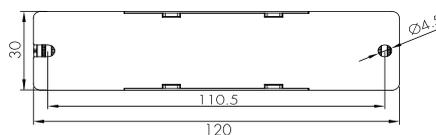
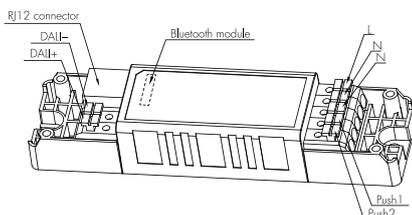


Linear

Compatible Plug-and-play Sensor Antenna



Mechanical Structure (unit: mm)



*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Bluetooth ↔ DALI Emergency Translator

DALI/DALI-2

Bolt-on/Batten-fit PIR Sensor

High-bay



IP65



HBEM049

Key Benefits

- Integrated DALI/Bluetooth converter and PIR sensor
- Converts DALI/DALI-2 emergency driver output to Bluetooth control
- Built-in 30mA DALI PSU, supports DT8 LED drivers Includes
- Upgrade old buildings with smart lighting without extra wiring
- Enables wireless scheduling of monthly and annual EM tests via Koolmesh App
- Sends real-time email alerts on faults or test failures

Accessories



Shielding Accessory
[HA049]

Detection

Range

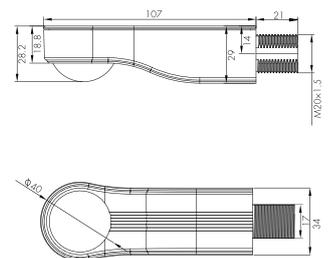
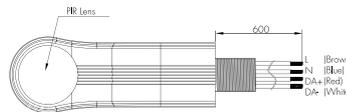
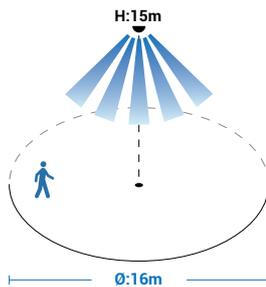
Max.

Height

15m

Range Ø

16m



Main Functions



DALI broadcast output



Support D4i & DT8 drivers



Daylight harvest



Tri-level control



Circadian rhythm

Technical Specifications

Output	Operating voltage	Stand-by power	Warming-up	IP rating
220 ~ 240VAC 50/60Hz	I guaranteed: 30mA I max: 50mA U rated: 16VDC	0.5W	20s	IP65

*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Bluetooth ↔ DALI Emergency Translator

DALI/DALI-2

Stand-alone PIR Sensor

Low-bay to High-bay



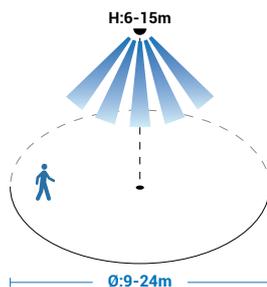
HBIREM29

Key Benefits

- Integrated DALI/Bluetooth converter and PIR sensor
- Converts DALI/DALI-2 emergency driver output to Bluetooth control
- 2 push inputs for manual test and reset
- Multiple PIR lens options for different indoor applications
- Accessories available for surface/ceiling mounting styles
- Upgrade old buildings with smart lighting without extra wiring
- Enables wireless scheduling of monthly and annual EM tests via Koolmesh App
- Sends real-time email alerts on faults or test failures

Detection Range

Height
6-15m
Range Ø
9-24m



Where it Fits



Offices



Schools



Commerce



Warehouse



Retrofitting

Main Functions



DALI broadcast
output



Support D4i &
DT8 drivers



2 push inputs



RTC real time clock



Daylight harvest



Tri-level control



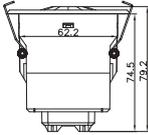
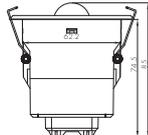
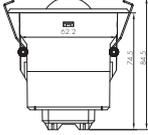
Circadian rhythm

Technical Specifications

Designation	Output	Operating Voltage	Stand-by Power	Warming-up	IP rating
HBIREM29 Series	DALI I max. 80mA	220~240VAC 50/60Hz	<1W	20s	IP20/IP54

*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Mechanical Structure (unit: mm)

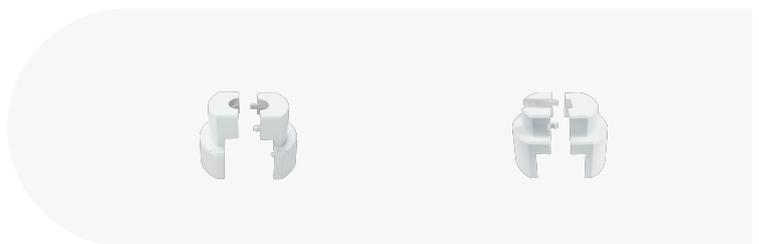
<p>Lens Types</p>	 <p>Low-bay</p>	 <p>/R Reinforced Low-bay</p>	 <p>/W Wide range Low-bay</p>	 <p>/H High-bay</p>
<p>Detection Range (Max.)</p>	<p>High Range Ø 6m 9m</p>	<p>High Range Ø 6m 10m</p>	<p>High Range Ø 6m 18m</p>	<p>High Range Ø 15m 24m</p>

Accessories

Ceiling/surface metal mounting box (IP54 options)
[HA09/W, HA09/B, HA09/G]



High back caps, side-out-line back caps
[HA08, HA08/S]



Blind Insert for blocking specific detection angles



*Please always check the latest datasheet for technical requirements-----<http://hytronik.com>

Battery Pack

Compatible With:

HBEM01, HBEM02, HBEM03, HBEM04, HBEM06



Battery Type
LiFePO4

Specification
6.4V, 3.6Ah

Size (mm)
105x53x27.5

Recharge Time
24h



Battery Type
LiFePO4

Specification
6.4V, 3.6Ah

Size (mm)
174.8x26.5x29

Recharge Time
24h



Compatible With:

HBEM05



Battery Type
LiFePO4

Specification
12.8V, 3.6Ah

Size (mm)
100x56.5x66.5

Recharge Time
24h





Why Choose Hytronik?

- **Proactive Safety :**
Reduce risks and avoid unexpected failures
- **Effortless Maintenance :**
Plan battery replacements before issues occur
- **Flexible Installation :**
Solutions for any project and any luminaire
- **Smart Control :**
Integrates seamlessly with sensors and wireless systems



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