



## AU-EM1EX, AU-EM1EXST

## SELF TEST INFORMATION FOR EMERGENCY ACCESSORY AU-EM1EXST:

⚡ PRODUCT MUST BE CHARGED FOR 24 HOURS UNINTERRUPTED AFTER INSTALLATION

LED INDICATOR STATUS			
Green	System Healthy	Red	Battery Charging Fault
Green Flash 1 x per second	Duration Test Pending	Red Flash 2 x per second	Battery Duration fault
Green Flash 2 x per second	Duration Test Running	Red Flash 4 x per second	Lamp or Luminaire Fault
Green Flash 4 x per second	Functional Test Running		

### DURATION TESTING (3 HOURS)

- An automatic duration test will occur at a random point between 24 - 48 hours after commissioning to allow for battery charging.
- An automatic duration test will occur annually at a random point in the 52nd week of each year.
- A manual duration test will occur at a random point between 0 - 24 hours after pressing the manual test button for 5-10 seconds. Time will be added to allow the battery to charge if it has been charging for less than 24 hours.
- A duration test that has been delayed by events such as a power cut interruption or insufficient charging will be automatically rescheduled. The Green LED will flash 1 x per second to indicate there is a pending duration test.
- Any faults found during duration testing will be reported via the LED indicator as detailed above. Re-commissioning is required to clear and faults.

### FUNCTIONAL TESTING (<2 MINUTES)

- An automatic duration test will occur every 7 days.
- A manual duration test will occur after pressing the manual test button for 1-2 seconds.
- Any faults found during duration testing will be reported via the LED indicator as detailed above. Re-commissioning is required to clear and faults.

### LAMP OR LUMINAIRE FAULT

- Turn off the supply and replace or correct any fault with the lamp or luminaire then reconnect the supply.
- Press the manual test button for 5 - 10 seconds, a manual test will then occur at a random point between 24 - 48 hours later to allow the battery to charge fully.
- If the battery and power have been disconnected, the module will re-commission and automatically test the replacement.
- A successful functional test will override any faults reported by a duration test. A full duration test or re-commissioning is required to clear fault reports.

### BATTERY FAULT

- Turn off the un-switched supply to the emergency module and replace the battery, then reconnect the supply.
- If the fault was due to the battery not being connected, the un-switched supply must still be turned off when connecting the battery to clear the battery fault. After reconnecting the supply, the emergency module will then re-commission and automatically test the replacement at a random point between 24 - 48 hours after commissioning to allow for the battery to charge fully.

## MANUAL TEST INFORMATION FOR EMERGENCY ACCESSORY AU-EM1EX:

⚡ PRODUCT MUST BE CHARGED FOR 24 HOURS UNINTERRUPTED AFTER INSTALLATION

- The green charging indicator will be visible when the luminaire is in normal operation and also when switched off. If the indicator is not ON, the battery or inverter may be faulty and needs to be changed.

### GB

- Installation should be carried out by a qualified electrician in accordance with the latest edition of the National wiring regulation

#### After connecting the mains supply check the following:

- The green charge indicator LED is illuminated. This indicates that the mains supply is present and that the charger circuit is working correctly.
- The unit should be left on charge for a minimum of 24 hours before testing the emergency mode.
- To simulate normal mains supply failure, operate the key switch. The lamp will now light under emergency conditions.
- When the unit no longer meets its rated duration of operation the battery pack must be replaced with a battery of the same type, voltage and Amp-hour rating.

### FR

- L'installation doit être effectuée en conformité avec la dernière édition de la réglementation nationale de câblage en vigueur par un professionnel qualifié.

#### Le luminaire étant raccordé au réseau électrique et sous tension:

- Vérifier l'allumage de la LED verte témoin de veille. Elle indique la présence de la tension secteur et le fonctionnement correcte du circuit de charge.
- Le luminaire doit être mis sous tension au minimum 24 heures avant de procéder à un essai de durée assignée de fonctionnement de l'éclairage à secours.
- Pour simuler une coupure de l'alimentation normale, utiliser l'interrupteur secteur.
- Dans le cas où le luminaire ne satisfait pas à la durée assignée de fonctionnement, le pack accumulateurs doit-être impérativement remplacé par un modèle de caractéristiques identiques (Tension ; Puissance).

### DE

- Die Installation muss gemäß der neuesten Ausgabe der nationalen elektrischen Anschlussvorschriften von einem qualifizierten Elektriker durchgeführt werden.

#### Bitte prüfen Sie folgendes nach Anschluss der Leuchte:

- Die grüne Ladeanzeige der LED leuchtet. Dies weist darauf hin, dass eine Netzzspannung vorhanden ist und dass der Ladevorgang einwandfrei funktioniert.
- Bevor Sie den Notfallmodus testen, sollte die Batterie mindestens 24 Stunden vorher aufgeladen worden sein.
- Um den normalen Netzausfall zu simulieren, betätigen Sie den Hauptschalter.
- Wenn das Gerät nicht mehr die vorgegebene Betriebsdauer erfüllt, muss eine Batterie des gleichen Typs, Spannung sowie Amperleistung ersetzt werden.

### IT

- L'installazione deve essere eseguita da un elettricista qualificato e deve essere in conformità con l'ultima edizione del National Wiring Regulations.

#### Dopo aver collegato l'alimentazione elettrica verificare quanto segue:

- L'indicatore verde di carica è illuminato. Ciò indica che l'alimentazione di rete è presente e che il circuito funziona correttamente.
- L'unità deve essere lasciata in carica per almeno 24 ore prima di verificare la modalità di emergenza.
- Per simulare il guasto dell'alimentazione, azionare l'interruttore a chiave.
- Quando l'apparecchio non soddisfa più la sua durata nominale, la batteria dovrà essere sostituita con una batteria dello stesso tipo con la stessa tensione e con autonomia di un'ora.

### NL

De installatie moet worden uitgevoerd door een gekwalificeerde elektricien, in overeenstemming met de toepasselijke nationale veiligheidsvoorschriften voor elektrische installaties.

#### Nadat u de netspanning hebt aangesloten, controleer aub het volgende:

- De groene laderindicator LED is verlicht. Dit geeft aan dat de stroomtoevoer aanwezig is en dat het laadcircuit goed werkt
- Het apparaat dient minimaal 24 uur opgeladen worden voordat u de noodmodus test
- Om het normale netspanning te simuleren, gebruik de toetschakelaar
- Wanneer het apparaat niet meer voldoet aan de nominale bedrijfsduur, moet de batterij vervangen worden door een batterij van hetzelfde type, voltage en Amp-hour rating.

### ES

La instalación debe ser realizada por un electricista calificado de acuerdo con la última edición de las normativas nacionales de cableado.

#### Tras conectarla a la red eléctrica, comprobar lo siguiente:

- El indicador de carga verde está iluminado. Esto indica que tiene corriente y que el cargador del circuito está funcionando correctamente.
- El aparato debe dejarse cargando durante un mínimo de 24h antes de comprobar el modo de emergencia.
- Para simular un fallo normal de suministro, pulsar el interruptor de encendido.
- Cuando la unidad no alcance el índice de duración de funcionamiento, el pack de batería debe ser sustituido por uno del mismo tipo, voltaje y potencia Amperio hora.

### SE

Installationen ska utföras av en kvalificerad elektriker i enlighet med aktuella nationella bestämmelser om elinstallation.

#### Kontrollera följande när du har anslutit nätpåsländningen:

- Indikatorn för gröna laddningsindikatorn lyser. Detta indikerar att nätaggregatet är närvärande och att laddarkretsen fungerar korrekt.
- Enheten ska lämmas på laddning i minst 24 timmar innan du testar nödläget.
- För att simulera det normala nätspänningssfletet, använd knappknappen
- När enheten inte längre uppfyller sin nominella varaktighet måste batteriet bytas ut med ett batteri av samma typ, spänning och Amp-timmars betyg.

### UAE

- يجب أن يتم التركيب على أيدي كهربائي متخصص وفقاً لأحدث المعايير الوطنية.

#### بعد التوصيل بمains قم بفحص الآتي:

- الضوء الأخضر مضاء، يعني أن التيار الكهربائي موجود وأن الشاحن يعمل.
- يجب أن تبقى الوحدة في التشغيل لمدة 24 ساعة قبل إختبار تشغيل الموارد.
- لحماكة حالات انقطاع التيار، قم بتشغيل مفتاح الدائرة الكهربائية كما
- عند فشل الوحدة في العمل للمرة الرسمية المحددة في المعايير، يجب إستبدال البطارية بأخرى مطابقة من حيث النوع، الجهد و قيمة التيار الكهربائي.



## Emergency Installation and Inspection

Installation / Test Record	Serial / Luminaire Number:			
	Installed By:			Date:
	Commissioned By:			Date:

	Year 1		Year 2		Year 3		Year 4*	
	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

\*The battery must be replaced

