



NLS EMERGENCY BATTERY BACK-UP

PRODUCT
PRESENTATION 2025





NLS EMERGENCY BATTERY BACK-UP



BACK-UP BATTERY KIT ensures 90 minutes of power in case of emergency. With ASD NLS, users can monitor battery status in real time, which adds convenience and control to the management of the emergency lighting system.



Set up automatic battery self-tests and view the results, ensuring the emergency function and battery capacity are operating as expected.

*Always On,
Always Secure*

FROM MANUAL INSPECTION

TO SMART MONITORING

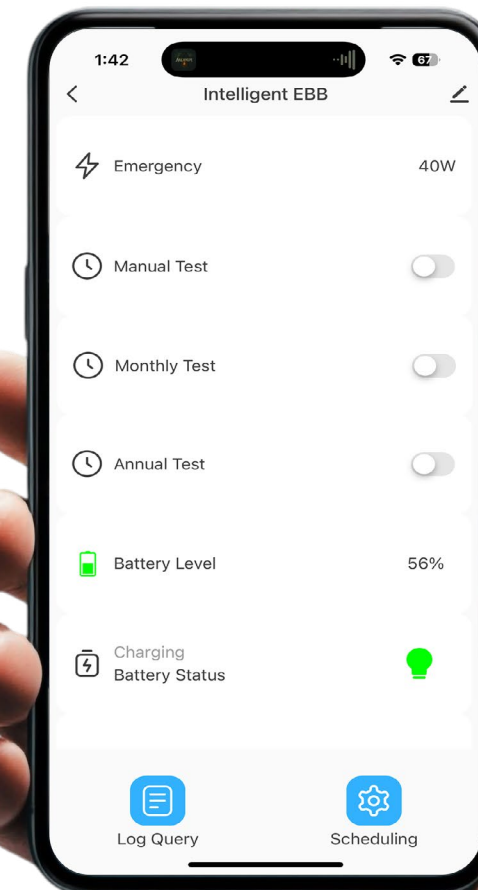


REGULAR:

- ✗ TIME-DRAINING INSPECTIONS
- ✗ ERROR-PRONE RECORD-KEEPING
- ✗ DELAYED ISSUE DETECTION
- ✗ HIGH OPERATIONAL COSTS
- ✗ COMPLIANCE HEADACHES

NLS:

- ✓ INSTANT REMOTE MONITORING
- ✓ AUTOMATED TEST SCHEDULING
- ✓ REAL-TIME ALERTS
- ✓ HUGE TIME & COST SAVINGS
- ✓ AUDIT-READY REPORTING



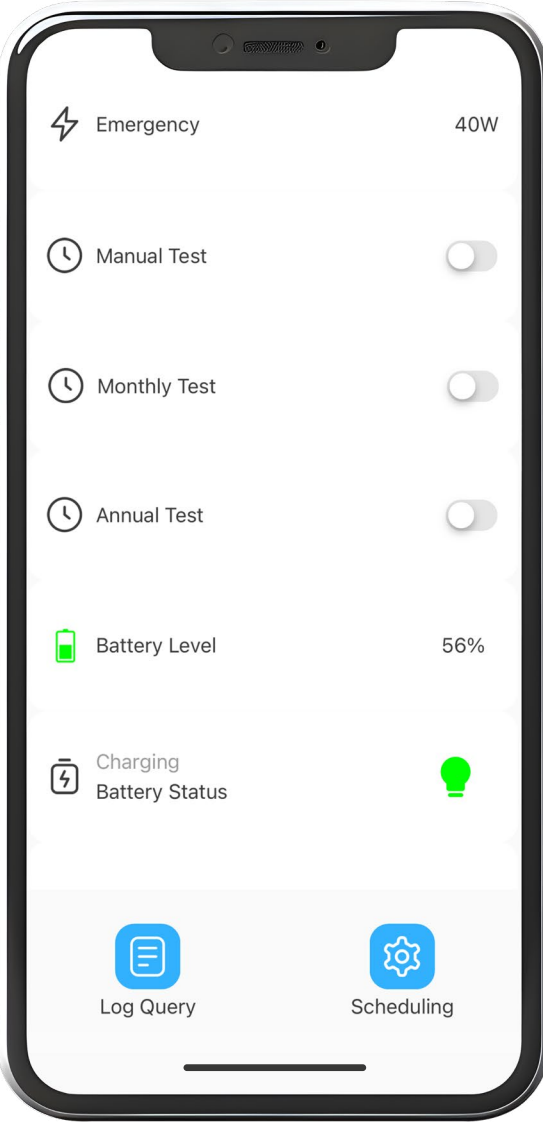
KEY BENEFITS

AT A GLANCE



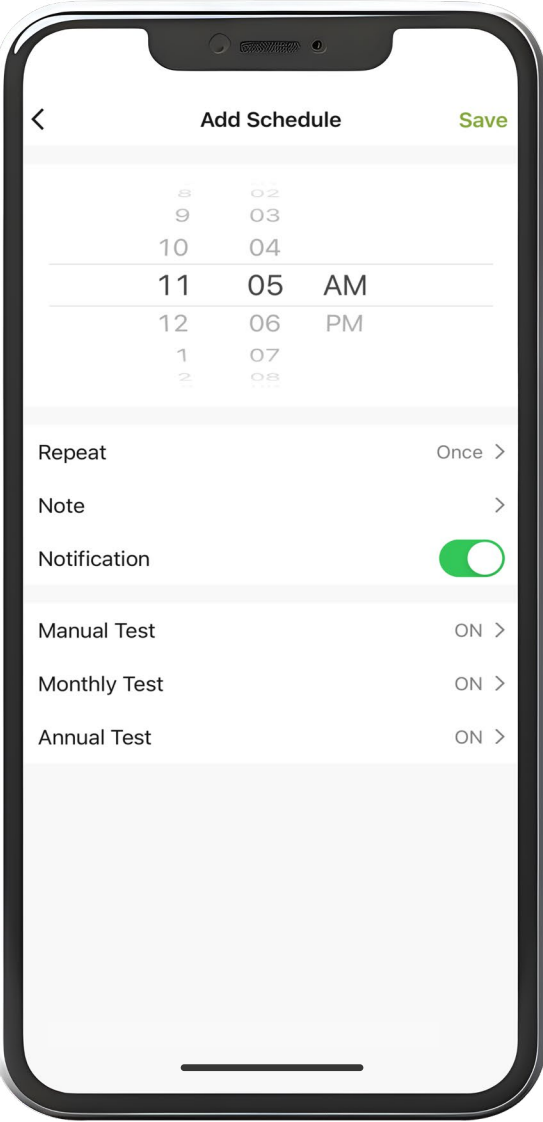
LIVE BATTERY INSIGHTS

Real-time monitoring of charge level, health status, and faults via the mobile app.



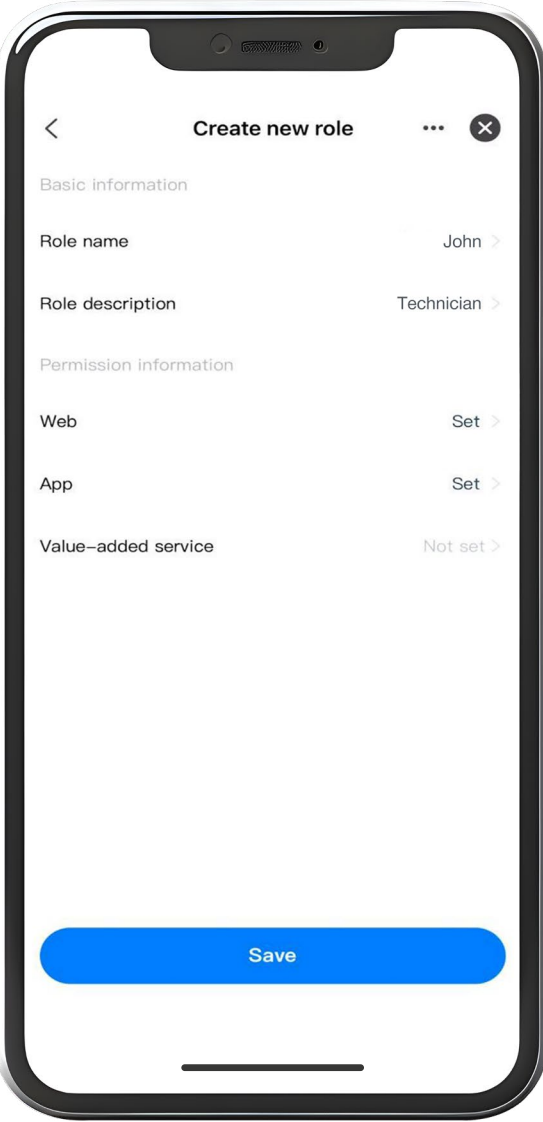
SMART SCHEDULING

Automated test planning at convenient times, including recurring cycles.



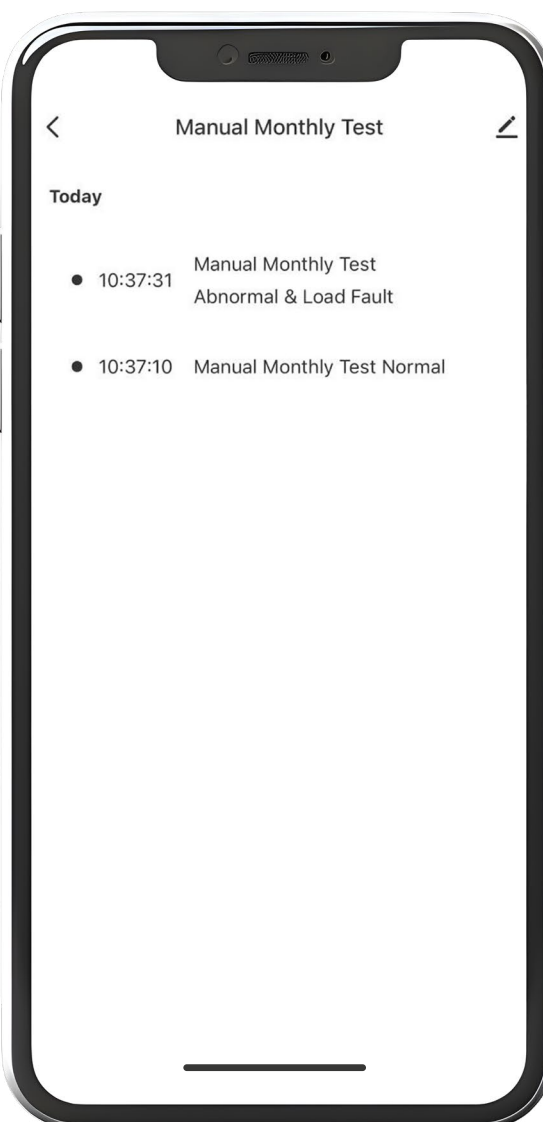
UNIFIED CONTROL

Manage devices and assign user roles with ease.



INSTANT REPORTS

Get ready-to-use reports and notifications immediately after testing.



SIMPLE SETUP

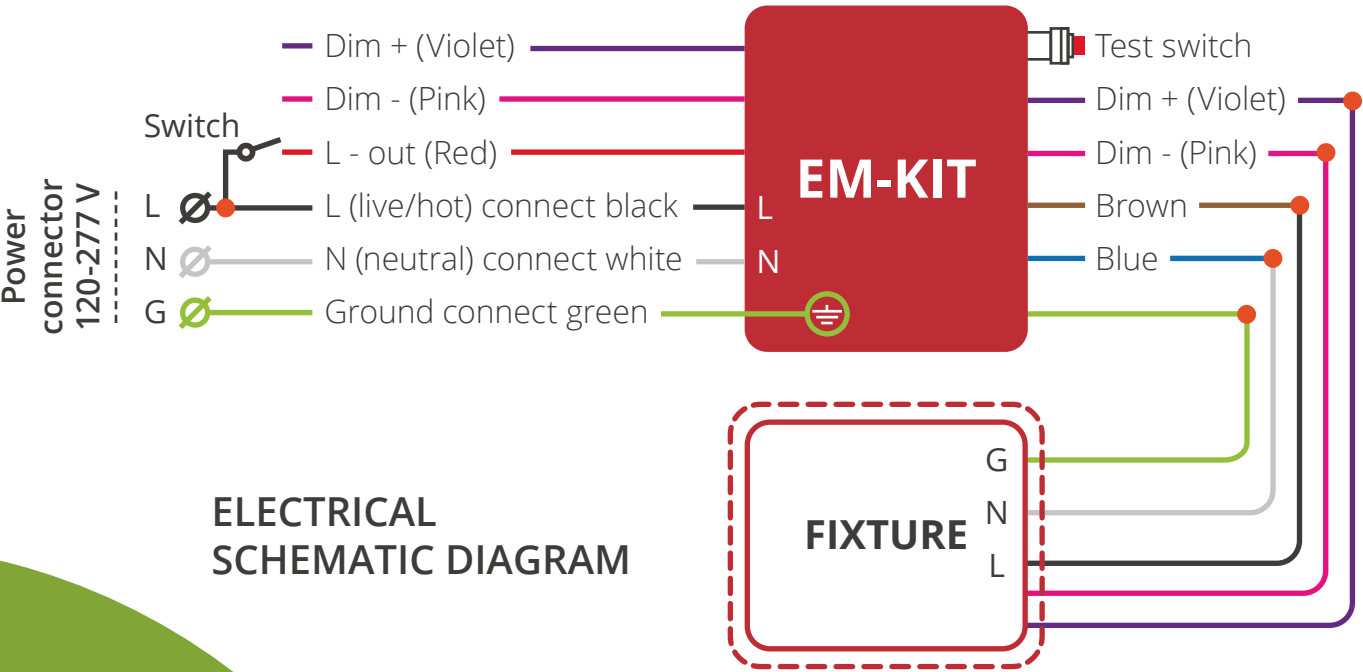
COMPLETE CONNECTIVITY



STEP 1

EM-KIT & FIXTURE WIRING

Connect the EM-kit to the fixture as show in the diagram and attach the Bluetooth antenna to the EM-kit.



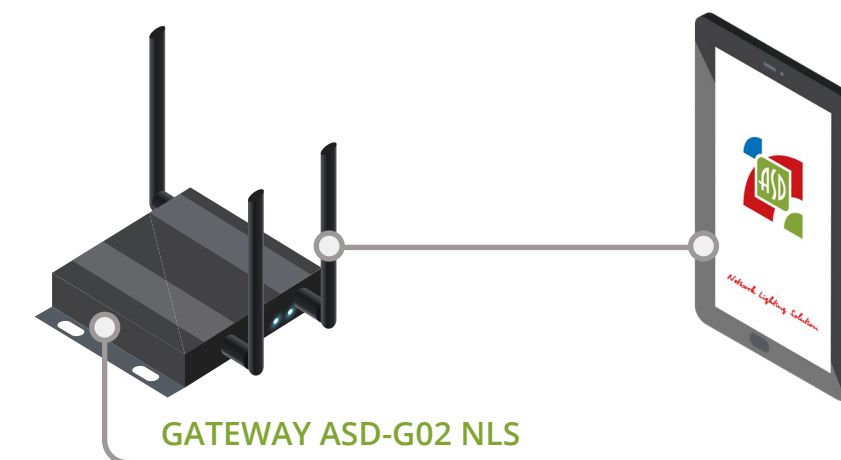


SIMPLE SETUP

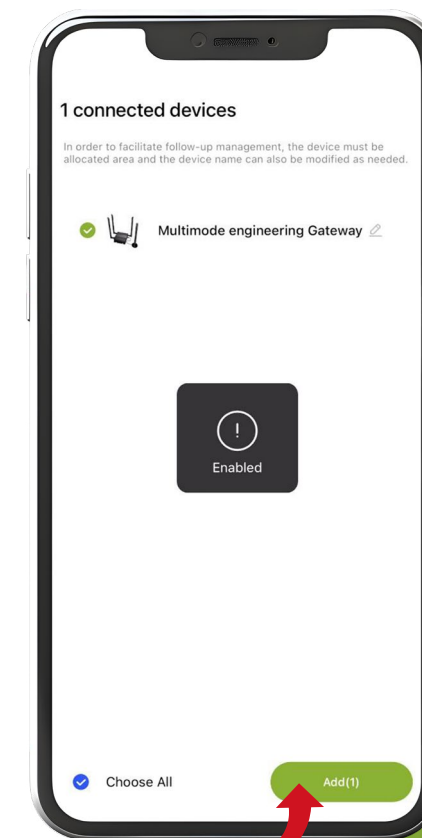
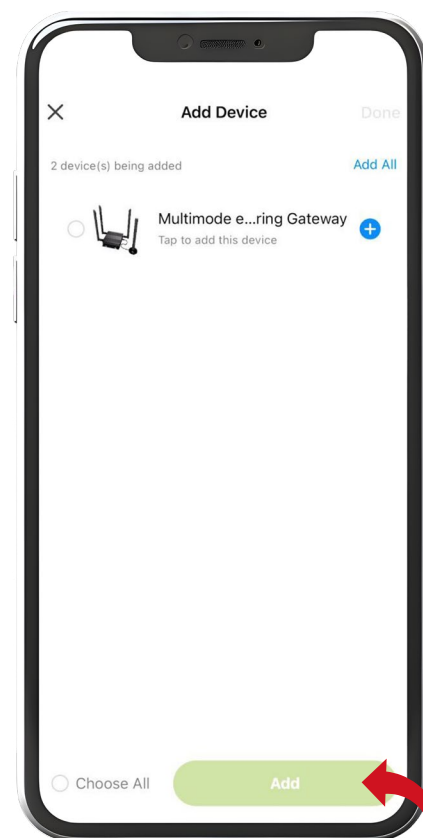
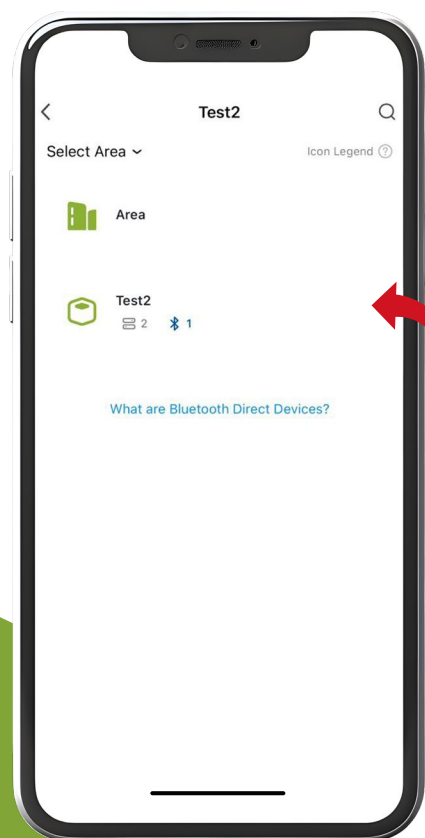
COMPLETE CONNECTIVITY

STEP 2

ADDING THE GATEWAY TO THE ASD NLS APP



1. Go to Device Management and select the area where the battery will be located.
2. Press the «+» button in the top right corner to add a device.
3. Wait for the app to find the gateway, then press «Add». Enter your Wi-Fi credentials.
4. After the gateway loads, press «Done» in the top right corner.
5. Select the gateway and press «Add» one final time to complete the setup.





SIMPLE SETUP

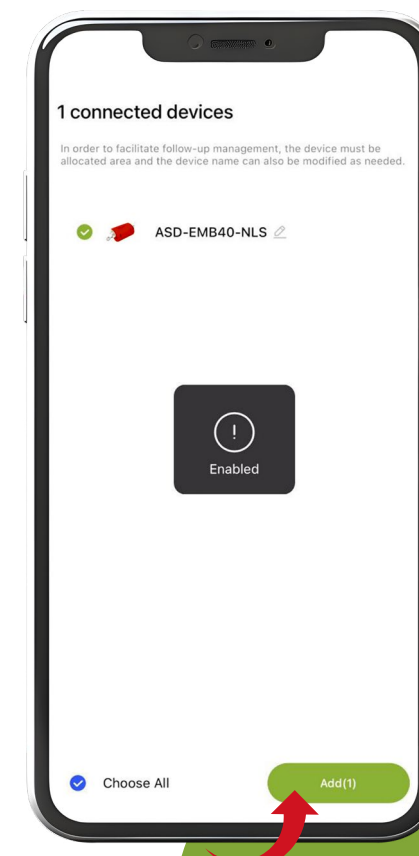
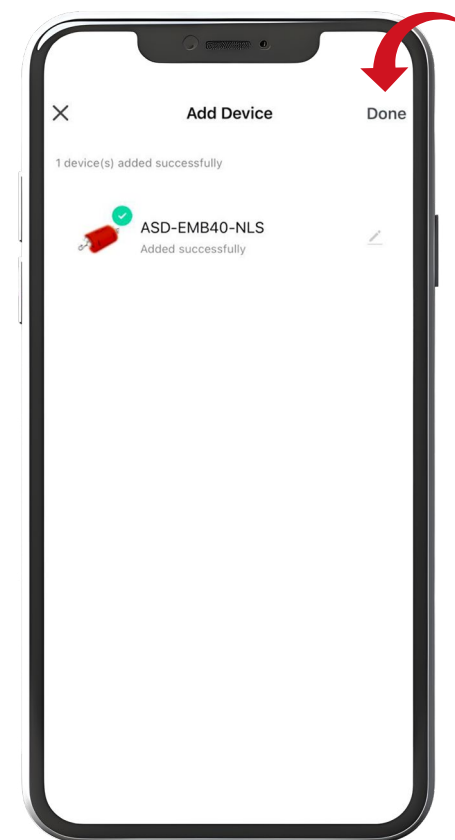
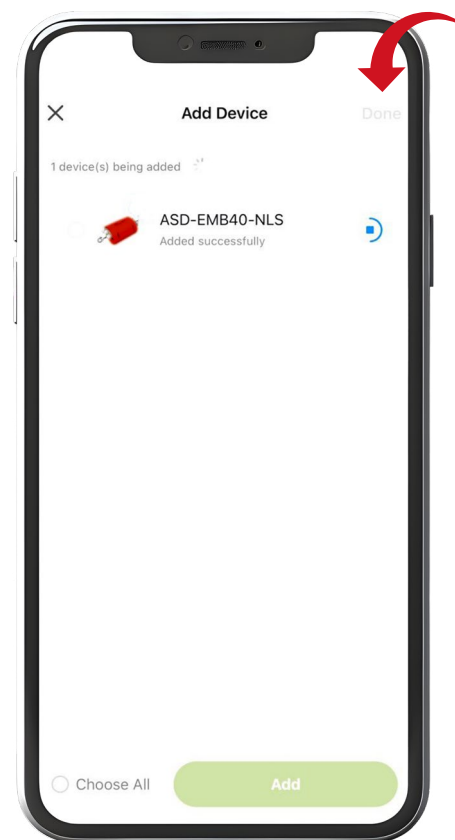
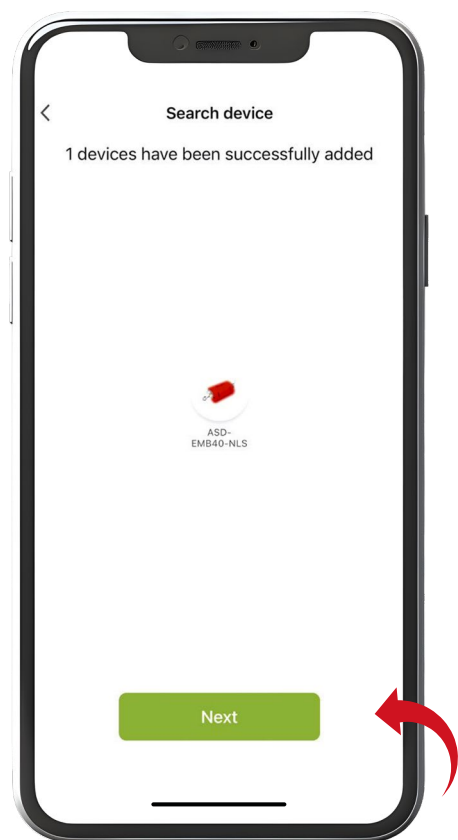
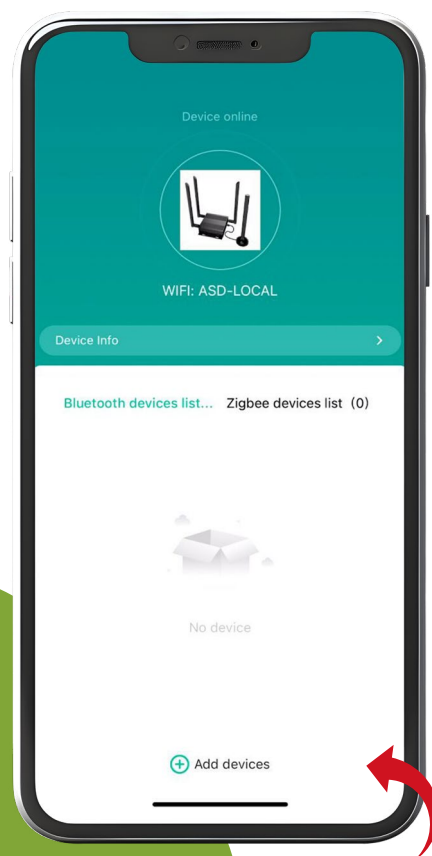
COMPLETE CONNECTIVITY



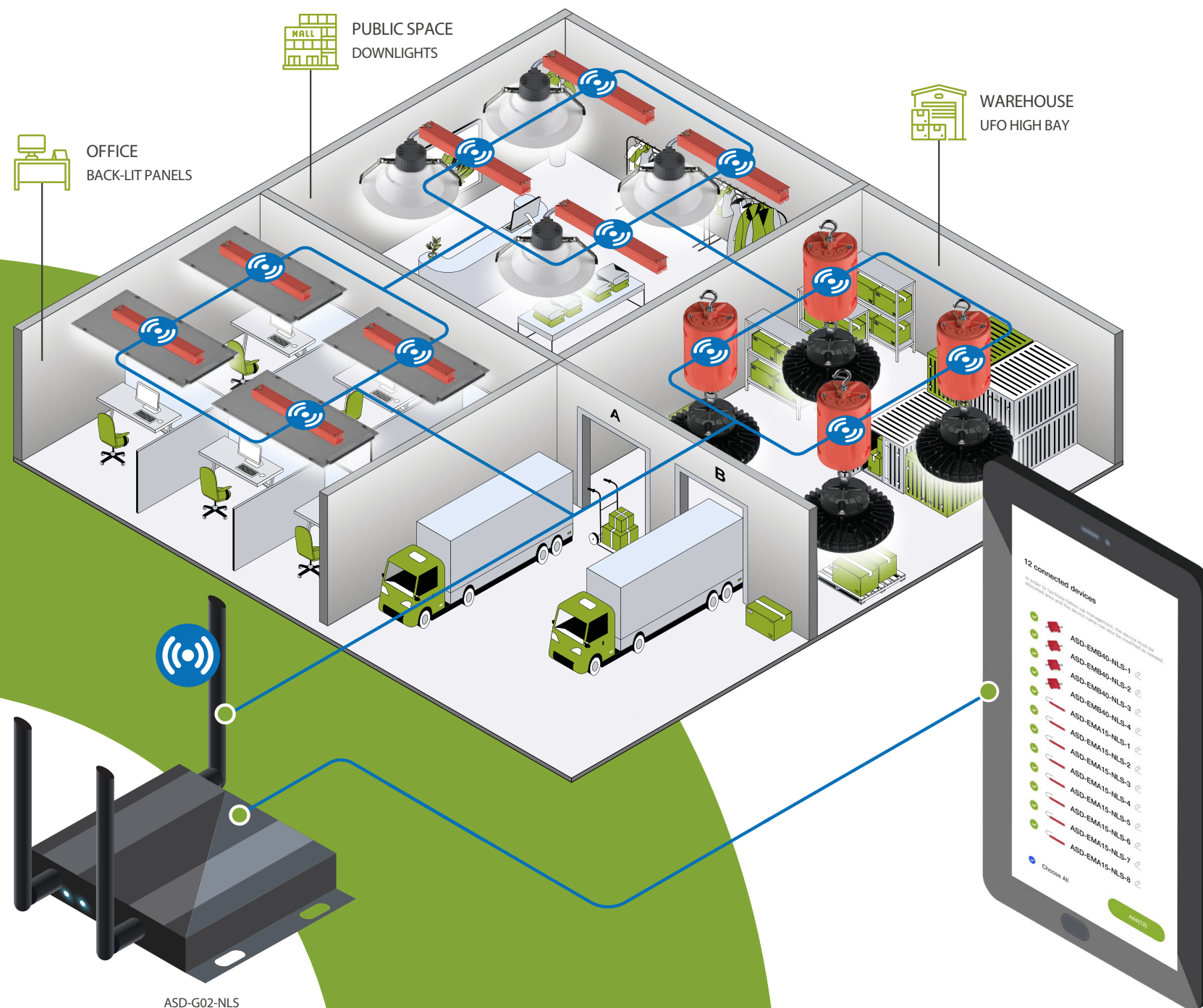
STEP 3

ADDING THE NLS EM-KIT TO THE ASD NLS APP

1. Tap on the gateway in the list of devices. Press the «Add Device» at the bottom and then «Search for Devices» to find battery.
2. Wait for the app to find your battery. When it appears, press «Next» button.
3. After the battery loads, press «Done» to add the device.
4. After the battery loads, press «Done» in the top right corner.
5. Select the battery and press «Add» one final time to complete the setup.



BEHIND THE SCENES: HOW IT WORKS

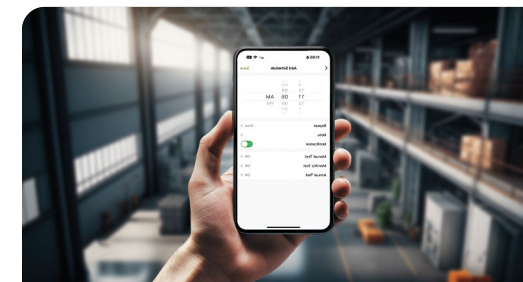


ASD-G02-NLS



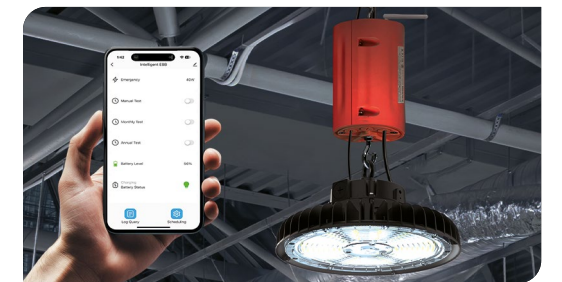
SCHEDULING

Users select projects/zones and set convenient test times. Tests start automatically at scheduled times; recurring or manual runs supported.



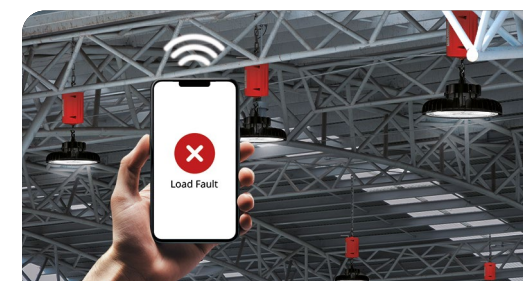
BATTERY STATUS

Devices periodically send charge level and health. App displays current battery status and issues low-battery alerts; system estimates remaining life.



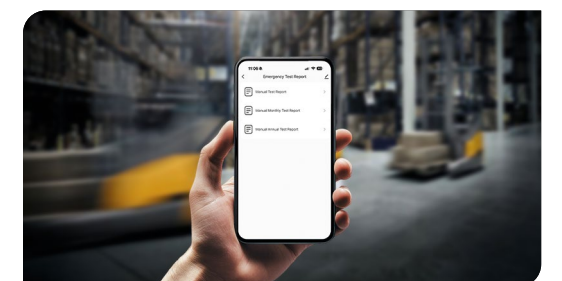
BATTERY FAULT NOTIFICATION

System monitors battery performance (overheating, voltage drops, charge or discharge failures). App sends instant alerts; all fault events are logged with device, timestamp and details.



TEST REPORTS

Test results are automatically saved after completion. Reports are available through the ASD NLS app and based on battery charge and condition data.



NLS BATTERY BACK-UP KIT

FOR LED UFO HIGH BAY

ASD-EMB40-NLS



UFO HIGH BAY

IP65 commercial housing is designed specially for UFO High Bay fixtures with 0-10V or 1-10V dimming.



More than 90 minutes of operation in emergency mode



Smart control



Overcharge and over-discharge protection



Wet locations rated

MODEL	ASD-EMB40-NLS
WATTAGE	40W
VOLTAGE	120-277V
MAX LOAD POWER	350W
BATTERY TYPE	Li-ion
LOCATION	Wet



Wet locations



0-10V dimming



1-10V dimming



120-277V voltage



NLS BATTERY BACK-UP KIT

FOR LED COMMERCIAL DOWNLIGHTS AND CANLESS LIGHTS



ASD-EMA15-NLS

Ideal solution for most indoor commercial lighting fixtures with 0-10V or 1-10V dimming, such as LED panels, downlights, LED troffers, wafers and linear lights.

- 

More than 90 minutes of operation in emergency mode
- 

Smart control
- 

Overcharge and over-discharge protection
- 

Wet locations rated

MODEL	ASD-EMA15-NLS
WATTAGE	15W
VOLTAGE	120-277V
MAX LOAD POWER	120W
BATTERY TYPE	Li-ion
LOCATION	Wet



BACK-LIT PANELS



DOWNLIGHTS



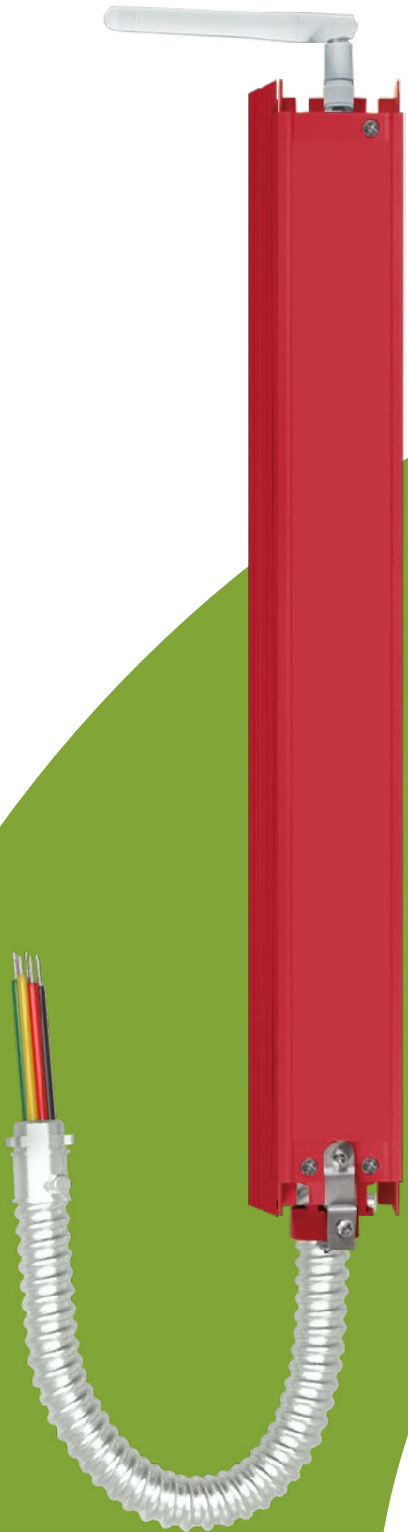
LED TROFFER



WAFERS



LINEAR LIGHTS



- 

Wet locations
- 

0-10V dimming
- 

1-10V dimming
- 

120-277V voltage





ASD LIGHTING CORP

*New Standard
in Lighting!*



OUR WEBSITE:
www.asd-lighting.com



ALL YOUR INQUIRIES TO:
orders@asd-lighting.com

