

News Letter_July.2019_Monthly News letter

EGM ITEM News

1. Lighting info (What is energy harvester)

■ What is energy harvester



(Types of energy that can be collected)

It is a technology that makes it possible to collect energy that is discarded without thinking and use it as electricity. As shown in the figure, it is a technology that collects energy, converts it into energy form that can be saved, stores it and makes it possible to use a battery with less electricity leakage as energy.

In addition to these technologies, there is also a device that prevents energy waste, not energy storage.

■ Introduction of item

MADE IN KOREA
Product name: G Harvester
 (Electromagnetic wave absorber)
 Power stabilization + pure electric energy saving
 * Product code: 1101011000
 Reduces actual electricity costs (MAX15%)

| Energy Harvester Introduction | |
|-------------------------------|---|
| Attribute | Power shielding non-conductor and multi-layer material with electromagnetic field generation function through EMK |
| State | Substitution temperature: 125 degrees |
| Ingredient | 99.7 wt% of silicon dioxide, 1.0 wt% of aluminum oxide, 1.5 wt% of magnesium oxide, 3.0 wt% |
| Method of operation | Power Stabilization through Electro-Magnetic Action of a Rigid Body |
| Place of application | * Attached to shop panel * Factory add panel attachment * Attaching to the transformer heat sink |
| Table | Wireless type without power cable connection |

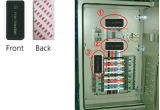
National accredited laboratory test report

| 시험항목 | 시험결과 | 기준 | 시험결과 |
|-----------|--------------------------|------------|------|
| 1. 시험 목적 | 1. 시험 목적: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 2. 시험 방법 | 2. 시험 방법: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 3. 시험 결과 | 3. 시험 결과: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 4. 시험 결과 | 4. 시험 결과: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 5. 시험 결과 | 5. 시험 결과: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 6. 시험 결과 | 6. 시험 결과: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 7. 시험 결과 | 7. 시험 결과: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 8. 시험 결과 | 8. 시험 결과: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 9. 시험 결과 | 9. 시험 결과: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |
| 10. 시험 결과 | 10. 시험 결과: 전자기파 차폐 성능 평가 | KS C 15101 | 합격 |

At least 7.1% electricity saving is possible.

■ Easy to installation

1. Remove 3M from the back of the product.
2. Remove dirt and impurities to ensure good adhesion at the mounting location.
3. Fix the product in (1), (2), (3) order.



1. Product introduce: Black box for security & business management



In the case of freight forwarders, frequent theft accidents have caused losses due to increased cargo management of freight forwarders. Therefore, there is a need for a product capable of real-time management for theft and business management.



Black box for security & business management



- Feature
 - 01. Field recordable
 - 02. Unable to destroy data
 - 03. Path tracking
 - 04. Smart storage
 - 05. Wireless transmission

■ Application field



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