

산업용 에너지 세이버 인증 및 등록사항

특허증 - 전력손실감소장치 2

EC Declaration of Conformity(DoC)_AI-FS300 3

EC Declaration of Conformity(DoC)_AI-FS600 4

EC Declaration of Conformity 5

EC Declaration of Conformity_AI-FS150 6

EC Declaration of Conformity_AI-FS300 7

EC Declaration of Conformity_AI-FS600 8

교정성적서_AI-FS300 9

방송통신기자재등의 적합등록필증_SI-FS150 10

방송통신기자재등의 적합등록필증_SI-FS150A 11

방송통신기자재등의 적합등록필증_SI-FS300 12

방송통신기자재등의 적합등록필증_SI-FS300A 13

방송통신기자재등의 적합등록필증_SI-FS600A 14

벤처기업확인서-FESKOREA 15

상표등록증-역률개선장치 16

조달청 벤처나라 지정증서 17

특허증

CERTIFICATE OF PATENT



특허

Patent Number

제 10-1617857 호

출원번호

Application Number

제 10-2015-0144242 호

출원일

Filing Date

2015년 10월 15일

등록일

Registration Date

2016년 04월 27일

발명의 명칭 Title of the Invention

전력 손실 감소 장치

특허권자 Patentee

등록사항란에 기재

발명자 Inventor

남명자(571205-*****)

서울특별시 영등포구 디지털로45길 10-1 (대림동)

위의 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.

This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.



특허청

Korean Intellectual
Property Office

2019년 11월 12일

특허청장

COMMISSIONER,

KOREAN INTELLECTUAL PROPERTY OFFICE

박원주



QR코드로 현재기준
등록사항을 확인하세요


RoHS Directive(2011/65/EU)



EC Declaration of Conformity (DoC)

We, **FES Korea Co., Ltd.**; declare under our sole responsibility that the product(s) described in the Table below to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Restriction of the use of certain hazardous substances in electrical and electronic equipment Directive(2002/95/EC, 2011/65/EU).

Product / Device Information:

Product Type:	Artificial Intelligence (AI) Energy Saver
Trade Name(s):	
Further Description: (only where required)	-
Model name(s):	AI-FS300
Model/Variant:	-

Note 1: Part numbers listed in order of trade name where applicable

Note 2: The Model number as shown is the product family model which all certifications are under.

To provide the presumption of conformity in accordance to Directive 2002/95/EC, 2011/65/EU following harmonized standards and/or other normative documents as referenced within the following official journals are applied in full:

Directives	Official Journal*	Standard(s) Applied in Full	Date of Withdrawn
2002/95/EC 2011/65/EU	-	IEC/EN 62321 : 2008	Not Referenced

*O.J. C365, C116, C148

Supplementary Information:

Notified Body Involved or Testing Organization:	STANDARDS & COMPANIES Laboratory KOTITI Testing & Research Institute
Technical/Compliance File Held by:	FES Korea Co., Ltd.
Place and Date of Issuance:	3F 44-2, Hangangro-2ga, Yongsan-Gu, Seoul, Republic of Korea

Signature of Authorized Person:

Name : Jin Hak, Lee / President

14. February. 2020

Date of Signature


RoHS Directive(EU 2015/863)



EC Declaration of Conformity (DoC)

We, **FES Korea Co., Ltd.**; declare under our sole responsibility that the product(s) described in the Table below to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Restriction of the use of certain hazardous substances in electrical and electronic equipment Directive(2002/95/EC, 2011/65/EU, EU 2015/863).

Product / Device Information:

Product Type:	Artificial Intelligent (AI) Energy Saver
Trade Name(s):	
Further Description: <i>(only where required)</i>	-
Model name(s):	AI-FS600A
Variant name(s):	-

Note 1: Part numbers listed in order of trade name where applicable

Note 2: The Model number as shown is the product family model which all certifications are under.

To provide the presumption of conformity in accordance to Directive 2002/95/EC, 2011/65/EU, EU 2015/863 following harmonized standards and/or other normative documents as referenced within the following official journals are applied in full:

Directives	Official Journal*	Standard(s) Applied in Full	Date of Withdrawn
2002/95/EC 2011/65/EU EU 2015/863	-	IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013 IEC 62321-7-2:2017 IEC 62321-7-1:2015 IEC 62321-6:2015	Not Referenced

*O.J. C365, C116, C148

Supplementary Information:

Notified Body Involved or Testing Organization:	STANDARDS & COMPANIES Laboratory KOTITI Testing & Research Institute
Technical/Compliance File Held by:	FES Korea Co., Ltd.
Place and Date of Issuance:	3F, 15, HanGangDaeRo50-Gil, YongSan-Gu, Seoul, Republic of Korea

Signature of Authorized Person:

Name : Jin Hak, Lee / President

21. January. 2022

Date of Signature



EC Declaration of Conformity

According to Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU

Applicant's Name: FES Korea Co., Ltd.
Applicant's Address: (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro,
Geumcheon-gu, Seoul, Republic of Korea
Manufacturer Name: FES Korea Co., Ltd.
Manufacturer Address: (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro,
Geumcheon-gu, Seoul, Republic of Korea

Declares that the product:

Product Name: Artificial Intelligence (AI) Energy Saver
Base Model: AI-FS150

To provide the presumption of conformity in accordance to Directive LVD(2014/35/EU), EMC(2014/30/EU); the following harmonized standards and/or other normative documents as referenced within the following official journals are applied in full:

Applicable Regulation/Standards: EN 61010-1:2010
Safety requirements for electrical equipment for
Measurement, control, and laboratory use
EN 61000-6-2 :2005/AC:2005
EN 61000-6-4 :2007/A1:2011

We, FES Korea Co., Ltd. - (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro, Geumcheon-gu, Seoul, Republic of Korea; declares under our sole responsibility that the product(s) described in the table to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the LVD(2014/35/EU), EMC(2014/30/EU).

I, the undersigned, hereby declare that the equipment specified above conforms to the above Standard(s) as described in the attached test report.

Notified Body Involved / Testing Organization : STANDARDS & COMPANIES Laboratory

Point of contact

Jin Hak, Lee Tel: +82-2-864-5605 Fax: +82-2-864-5606
(Name, telephone and Fax)

Republic of Korea, 29, January, 2020

(Place, date of issue)

(Title and signature)


RoHS Directive(2011/65/EU)



EC Declaration of Conformity (DoC)

We, **FES Korea Co., Ltd.**; declare under our sole responsibility that the product(s) described in the Table below to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Restriction of the use of certain hazardous substances in electrical and electronic equipment Directive(2002/95/EC, 2011/65/EU).

Product / Device Information:

Product Type:	Artificial Intelligence (AI) Energy Saver
Trade Name(s):	
Further Description: (only where required)	-
Model name(s):	AI-FS150
Model/Variant:	-

Note 1: Part numbers listed in order of trade name where applicable

Note 2: The Model number as shown is the product family model which all certifications are under.

To provide the presumption of conformity in accordance to Directive 2002/95/EC, 2011/65/EU following harmonized standards and/or other normative documents as referenced within the following official journals are applied in full:

Directives	Official Journal*	Standard(s) Applied in Full	Date of Withdrawn
2002/95/EC 2011/65/EU	-	IEC/EN 62321 : 2008	Not Referenced

*O.J. C365, C116, C148

Supplementary Information:

Notified Body Involved or Testing Organization:	STANDARDS & COMPANIES Laboratory KOTITI Testing & Research Institute
Technical/Compliance File Held by:	FES Korea Co., Ltd.
Place and Date of Issuance:	3F 44-2, Hangangro-2ga, Yongsan-Gu, Seoul, Republic of Korea

Signature of Authorized Person:

Name : Jin Hak, Lee / President

29. January. 2020

Date of Signature



EC Declaration of Conformity

According to Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU

Applicant's Name: FES Korea Co., Ltd.
Applicant's Address: (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro,
Geumcheon-gu, Seoul, Republic of Korea
Manufacturer Name: FES Korea Co., Ltd.
Manufacturer Address: (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro,
Geumcheon-gu, Seoul, Republic of Korea

Declares that the product:

Product Name: Artificial Intelligence (AI) Energy Saver
Base Model: AI-FS300

To provide the presumption of conformity in accordance to Directive LVD(2014/35/EU), EMC(2014/30/EU); the following harmonized standards and/or other normative documents as referenced within the following official journals are applied in full:

Applicable Regulation/Standards: EN 61010-1:2010
Safety requirements for electrical equipment for
Measurement, control, and laboratory use
EN 61000-6-2 :2005/AC:2005
EN 61000-6-4 :2007/A1:2011

We, FES Korea Co., Ltd. - (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro, Geumcheon-gu, Seoul, Republic of Korea; declares under our sole responsibility that the product(s) described in the table to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the LVD(2014/35/EU), EMC(2014/30/EU).

I, the undersigned, hereby declare that the equipment specified above conforms to the above Standard(s) as described in the attached test report.

Notified Body Involved / Testing Organization : STANDARDS & COMPANIES Laboratory

Point of contact

Jin Hak, Lee Tel: +82-2-864-5605 Fax: +82-2-864-5606
(Name, telephone and Fax)

Republic of Korea, 14. February, 2020

(Place, date of issue)

(Title and signature)



EC Declaration of Conformity

According to Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU

Applicant's Name: FES Korea Co., Ltd.
Applicant's Address: (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro,
Geumcheon-gu, Seoul, Republic of Korea
Manufacturer Name: FES Korea Co., Ltd.
Manufacturer Address: (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro,
Geumcheon-gu, Seoul, Republic of Korea

Declares that the product:

Product Name: Artificial Intelligent (AI) Energy Saver
Base Model: AI-FS600A

To provide the presumption of conformity in accordance to Directive LVD(2014/35/EU), EMC(2014/30/EU); the following harmonized standards and/or other normative documents as referenced within the following official journals are applied in full:

Applicable Regulation/Standards: EN 61010-1:2010/A1:2019
Safety requirements for electrical equipment for
Measurement, control, and laboratory use
EN 55011:2016/A11:2020
EN 61000-6-2 :2005/AC:2005
EN 61000-6-4 :2007/A1:2011

We, **FES Korea Co., Ltd. - (SK Twin Tech Tower) A 408, 119, Gasan Digital 1-ro, Geumcheon-gu, Seoul, Republic of Korea**; declares under our sole responsibility that the product(s) described in the table to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the LVD(2014/35/EU), EMC(2014/30/EU).

I, the undersigned, hereby declare that the equipment specified above conforms to the above Standard(s) as described in the attached test report.

Notified Body Involved / Testing Organization : STANDARDS & COMPANIES Laboratory

Point of contact

Jin Hak, Lee Tel: +82-2-864-5605 Fax: +82-2-864-5606
(Name, telephone and Fax)

Republic of Korea. 31. December. 2021

(Place, date of issue)

(Title and signature)

교 정 성 적 서



(주) 대영씨앤티

경기도 군포시 공단로140번안길 10-10 (당정동)
Tel : 031-458-1020, Fax : 031-458-1134

성적서 번호 : 2004545-001

페이지 (1) / (총 3)



1. 의뢰자

기관명 : 주식회사 에프이에스코리아
주소 : 서울특별시 금천구 가산디지털1로 119, A동 408호

2. 측정기

기기명 : Energy Saver
제작회사 및 형식 : FES KOREA / AI-FS300
기기번호 : 058654

3. 교정일자 : 2020. 05. 04

4. 교정환경

온도 : (23.2 ± 0.2) °C 습도 : (51 ± 1) % R.H.
교정장소 : ☒ 고정표준실 ☐ 이동교정 ☐ 현장교정

5. 측정표준의 소급성

교정방법 및 소급성 서술 :

상기 기기는 클램프형 전류/전압계 및 역률계의 교정지침서(DYS-CW-E14 & DYS-CW-E17)에 따라 국가측정표준기관으로부터 측정의 소급성이 확보된 아래의 표준장비를 이용하여 교정되었음.

교정에 사용한 표준장비 명세

기기명	제작회사 및 형식	기기번호	차기교정예정일자	교정기관
Power Meter Calibrator	ROTEK / 8100	417	2020. 07. 19	한국산업기술시험원
Meter Calibrator	FLUKE / 5520A	9745007	2020. 12. 26	㈜에이치시티
50 Turn Current Coil	FLUKE / 5500A	20080285	2020. 12. 17	한국산업기술시험원

6. 교정결과 : 교정결과 참조

7. 측정불확도 : 교정결과 참조

이 성적서의 진위확인은 (주)대영씨앤티 홈페이지
(www.dycnt.co.kr)에서 확인하실 수 있습니다.

확 인	작성자	승인자
	성명 : 김재윤	직위 : 기술 책임자 성명 : 황선경

위 성적서는 국제시험기관인정협력체 (International Laboratory Accreditation Cooperation) 상호인정협정 (Mutual Recognition Arrangement)에 서명한 한국인정기구(KOLAS)로부터 공인받은 분야의 교정결과입니다.

2020. 05. 04

한국인정기구 인정

(주) 대영씨앤티 대표이사 (인)



(주) 이 성적서는 측정기의 정밀정확도에 영향을 미치는 요소(과부하, 온도, 습도 등)의 급격한 변화가 발생한 경우에는 무효가 됩니다.

방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Registrant	주식회사 에프이에스코리아(FES Korea Co., Ltd)
기자재명칭(제품명칭) Equipment Name	Artificial Intelligence (AI) Energy Saver
기본모델명 Basic Model Number	AI-FS150
파생모델명 Series Model Number	
등록번호 Registration No.	R-R-Fes-AI-FS150
제조사/제조(조립)국가 Manufacturer/Country of Origin	주식회사 에프이에스코리아(FES Korea Co., Ltd) / 한국
등록연월일 Date of Registration	2020-01-30
기타 Others	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2020년(Year) 01월(Month) 30일(Day)

국립전파연구원장



Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.
위반시 과태료 처분 및 등록이 취소될 수 있습니다.

방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Registrant	주식회사 에프이에스코리아(FES Korea Co., Ltd)
기자재명칭(제품명칭) Equipment Name	Artificial Intelligence (AI) Energy Saver
기기부호/추가 기기부호 Equipment code /Additional Equipment code	IND
기본모델명 Basic Model Number	AI-FS150A
파생모델명 Series Model Number	
등록번호 Registration No.	R-R-Fes-AI-FS150A
제조사/제조국가 Manufacturer/Country of Origin	주식회사 에프이에스코리아(FES Korea Co., Ltd) / 한국
등록연월일 Date of Registration	2022-06-24
기타 Others	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2022년(Year) 06월(Month) 24일(Day)

국립전파연구원장



Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.
위반시 과태료 처분 및 등록이 취소될 수 있습니다.



방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Registrant	주식회사 에프이에스코리아(FES Korea Co., Ltd)
기자재명칭(제품명칭) Equipment Name	Artificial Intelligence (AI) Energy Saver
기본모델명 Basic Model Number	AI-FS300
파생모델명 Series Model Number	
등록번호 Registration No.	R-R-Fes-AI-FS300
제조사/제조(조립)국가 Manufacturer/Country of Origin	주식회사 에프이에스코리아(FES Korea Co., Ltd) / 한국
등록연월일 Date of Registration	2020-02-12
기타 Others	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

2020년(Year) 02월(Month) 12일(Day)

국립전파연구원장



Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.
위반시 과태료 처분 및 등록이 취소될 수 있습니다.

방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Registrant	주식회사 에프이에스코리아(FES Korea Co., Ltd)
기자재명칭(제품명칭) Equipment Name	Artificial Intelligence (AI) Energy Saver
기기부호/추가 기기부호 Equipment code /Additional Equipment code	IND
기본모델명 Basic Model Number	AI-FS300A
파생모델명 Series Model Number	
등록번호 Registration No.	R-R-Fes-AI-FS300A
제조사/제조국가 Manufacturer/Country of Origin	주식회사 에프이에스코리아(FES Korea Co., Ltd) / 한국
등록연월일 Date of Registration	2022-01-26
기타 Others	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

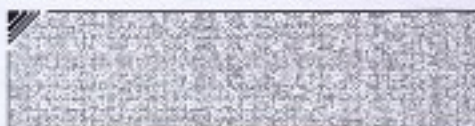
2022년(Year) 01월(Month) 26일(Day)

국립전파연구원장



Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.
위반시 과태료 처분 및 등록이 취소될 수 있습니다.



방송통신기자재등의 적합등록 필증

Registration of Broadcasting and Communication Equipments

상호 또는 성명 Trade Name or Registrant	주식회사 에프이에스코리아(FES Korea Co., Ltd)
기자재명칭(제품명칭) Equipment Name	Artificial Intelligence (AI) Energy Saver
기기부호/추가 기기부호 Equipment code /Additional Equipment code	IND
기본모델명 Basic Model Number	AI-FS600A
파생모델명 Series Model Number	
등록번호 Registration No.	R-R-Fes-AI-FS600A
제조사/제조국가 Manufacturer/Country of Origin	주식회사 에프이에스코리아(FES Korea Co., Ltd) / 한국
등록연월일 Date of Registration	2022-01-26
기타 Others	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.
It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

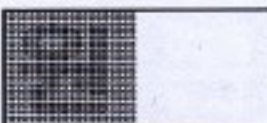
2022년(Year) 01월(Month) 26일(Day)

국립전파연구원장



Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.
위반시 과태료 처분 및 등록이 취소될 수 있습니다.



벤처기업확인서

- 기 업 명 : (주)에프이에스코리아
- 사업자등록번호 : 145-87-00094
- 대 표 자 : 이진학
- 주 소 : 서울특별시 금천구 가산디지털1로 A동 408호
- 확인유형 : 혁신성장유형
- 유효기간 : 2021년 11월 23일 ~ 2024년 11월 22일

위 기업은 「벤처기업육성에 관한 특별조치법」 제25조의 규정
에 의거 벤처기업임을 확인합니다.

2021년 11월 03일

벤처기업확인기관



벤처기업 해당사유 : 벤처기업법 제2조의2제1항제2호 가목의 요건을 충족하는 벤처기업
(또는 나목의 요건을 충족하는 벤처기업, 또는 다목의 요건을 충족하는 벤처기업)

이 확인서는 「벤처기업법」 제25조의3(벤처기업확인기관의 지정 등)에 따라 지정된 벤처기업확인기관((사)벤처기업협회)이 벤처확인종합관리시스템을 통해 정보를 확인하고 발급한 확인서입니다. (벤처기업확인기관 지정기간 : '20.7.1~'23.6.30)



상표등록증

CERTIFICATE OF TRADEMARK REGISTRATION



등록

Registration Number

제 40-1399265 호

출원번호

Application Number

제 40-2018-0009410 호

출원일

Filing Date

2018년 01월 22일

등록일

Registration Date

2018년 09월 20일

상표권자 Owner of the Trademark Right

이진학(650103-*****)

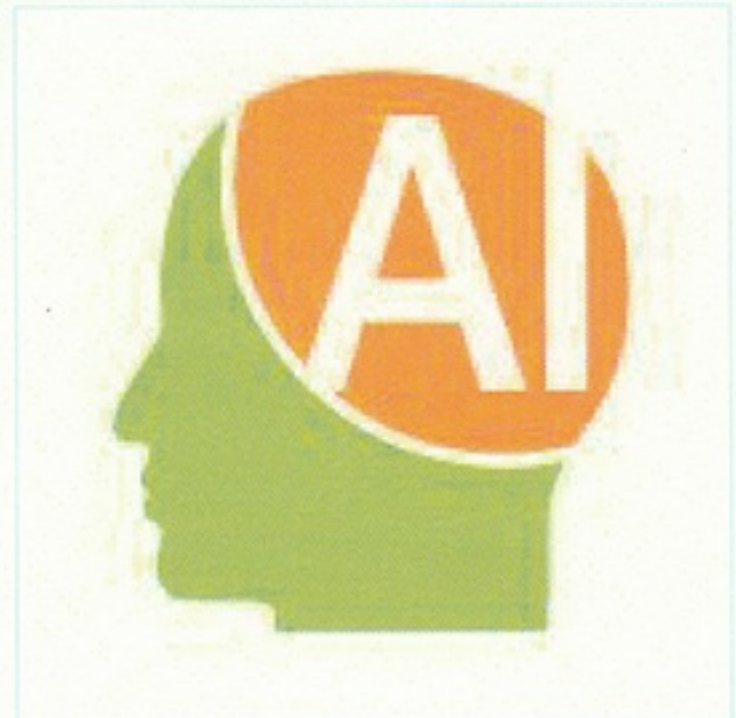
서울특별시 성동구 무수막16길 7 (금호동2가)

상표를 사용할 상품 및 구분

List Of Goods

제 09 류 등 2 개류

역률개선헌장치등 40건



위의 표장은 「상표법」에 따라 상표등록원부에 등록되었음을 증명합니다.

This is to certify that, in accordance with the Trademark Act, a trademark has been registered at the Korean Intellectual Property Office.



특허청

Korean Intellectual
Property Office

2018년 09월 20일

특허청장

COMMISSIONER,

KOREAN INTELLECTUAL PROPERTY OFFICE



QR코드로 현재기준
등록사항을 확인하세요





제2018-09-0096호

조달청 벤처나라 지정증서

기 업 명 : 주식회사 에프이에스코리아
대 표 자 : 이진학
사업자등록번호 : 145-87-00094
유 망 제 품 : 지능형(AI)Energy Saver / AI-F300 외 총 3 건
지 정 기 간 : 20180914 ~ 20230913

위 상품을 벤처나라 등록 물품·서비스
지정 관리 규정에 따라 조달청이 공공
구매 판로 확대를 지원하는 벤처창업
혁신조달상품으로 지정합니다.

2021년 09월 27일

조 달 청

