



EV CHARGER CHARGING PLATFORM



The Watt Co., Ltd. is based on S/W and H/W implementation technology as its core foundation. As a company that provides one-stop services from electric vehicle charger development to servers and operating platforms, We aim for technology for our customers and newness for them.

Our technology starts with your wish.

Technology for wish will gather to make products and that product will bring small happiness to your daily life.

So that our products can be your smartest choice, we make it for a better tomorrow.

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"We make it for a better tomorrow"

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Introduction to Zero Watt

Sales-type EV charging platform "Zero Watt"

"Zero Watt" is a platform where all charger manufacturers can grow infinitely from the starting point of 0 (zero). We provide one-stop service from server delivery for charger operation and management to application development for charger use and billing.

ZERO WATT



Problem recognition

In the case of charger manufacturers, they do not have separate servers and applications for system operation and billing.

The profit structure is limited other than supplying it to charging operators at a low cost.



Technology

"Zero Watt" is a technology that each charger manufacturer uses based on server and application technology.

You can customize it according to your desired direction. For administrators through server technology

By providing a dashboard, you can operate and manage installed chargers.



Additional revenue

By providing a dedicated application for charger manufacturers, users can earn additional profits by charging charging fees based on usage.



Free provision

The cost of entering the "Zero Watt" platform for additional profits is provided free of charge.

Now is the best opportunity to become The Watt's cooperative partner.

Main function

a. Charging station registration and management

Depending on the delivery of the charger, each charging station can be registered, and basic information for operating the charging station, such as address, operating hours, operation status, and charging fee, etc. You can enter or modify the settings directly.

충전소 추가

지역

서울

충전소명

주소

연락처

운영시간

주차요금

충전요금

0

운영여부

Yes

충전소 수정

지역

광주

충전소명

호반베르디움3

주소

경기 고양시 덕양구 향기2로 22

연락처

1255-8988

운영시간

24시간

주차요금

1000원/10분

충전요금

1000

운영여부

Yes

완료

삭제

닫기

충전소 관리

충전소명

검색

추가

ID	충전소명	주소	연락처	운영시간	충전요금	설치대수	운영여부
101-106	호반베르디움3	경기 고양시 덕양구 향기2로 22	1255-8988	24시간	1000	2	Y
101-105	호반베르디움	경기 고양시 덕양구 향기2로 22	1255-8988	24시간	2000	1	Y
101-104	양평한신아파트	서울특별시 양동포구 양평동5가 76	031-789-7890	09:00-18:00	120	1	Y
101-103	이마트 가양점 지하 주차장	서울특별시 강서구 가양동 1213-23	070-4333-3334	24시간	300	1	Y
101-102	제주 충전소	제주시 A동 8호	02-1234-5678	10:00-17:00	200	2	Y
101-101	1번 충전소	서울특별시 강서구 자곡동 12-78	1588-1588	00:00-23:59	100	3	N

Main function

b. Charger status and management

You can check the status of the chargers installed at each charging station, and set the charging fee for each by dividing them into slow and fast chargers.

If operation is difficult due to failure of some chargers, you can individually configure whether or not to operate the charger.

충전기 추가

충전소호반베르디움3

사용여부Yes

충전기번호

타입[선택]

모델

전력(kW)kW

요금(kWh)숫자만 입력

펌웨어버전

설치일

충전기 수정

충전소호반베르디움3

사용여부No

충전기번호10125

타입벽부형

모델model15

전력(kW)11

요금(kWh)1005

펌웨어버전1.15

설치일2024-08-25

비고비고테스트5

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검색

추가

ID	충전기명	타입	모델	최대전력	요금	설치일	상태	펌웨어버전
101-106-1002	10125	벽부형	model15	11kW	1005원/kWh	2024-08-25	사용안함	1.15
101-106-1001	1001	벽부형		11kW	780원/kWh	2023-08-30	충전대기	
101-105-1002	1002	스토피		7kW	800원/kWh	2022-08-23	충전대기	
101-104-1001	ghost	벽부형		11kW	700원/kWh	2023-05-19	고장	
101-103-1001	trigger test	DC 급보		150kW	600원/kWh	2023-05-19	고장	
101-102-1002	102 2번 송	DC 급보		150kW	500원/kWh	2022-12-10	충전대기	
101-102-1001	1번 충전기	벽부형		11kW	400원/kWh	2023-01-12	고장	
101-101-1003	3번 충전기	DC 급보		150kW	300원/kWh	2022-12-10	고장	
101-101-1002	1송 A32	벽부형		11kW	200원/kWh	2022-12-10	고장	
101-101-1001	지하 3송 P01	스토피		7kW	100원/kWh	2023-01-12	고장	

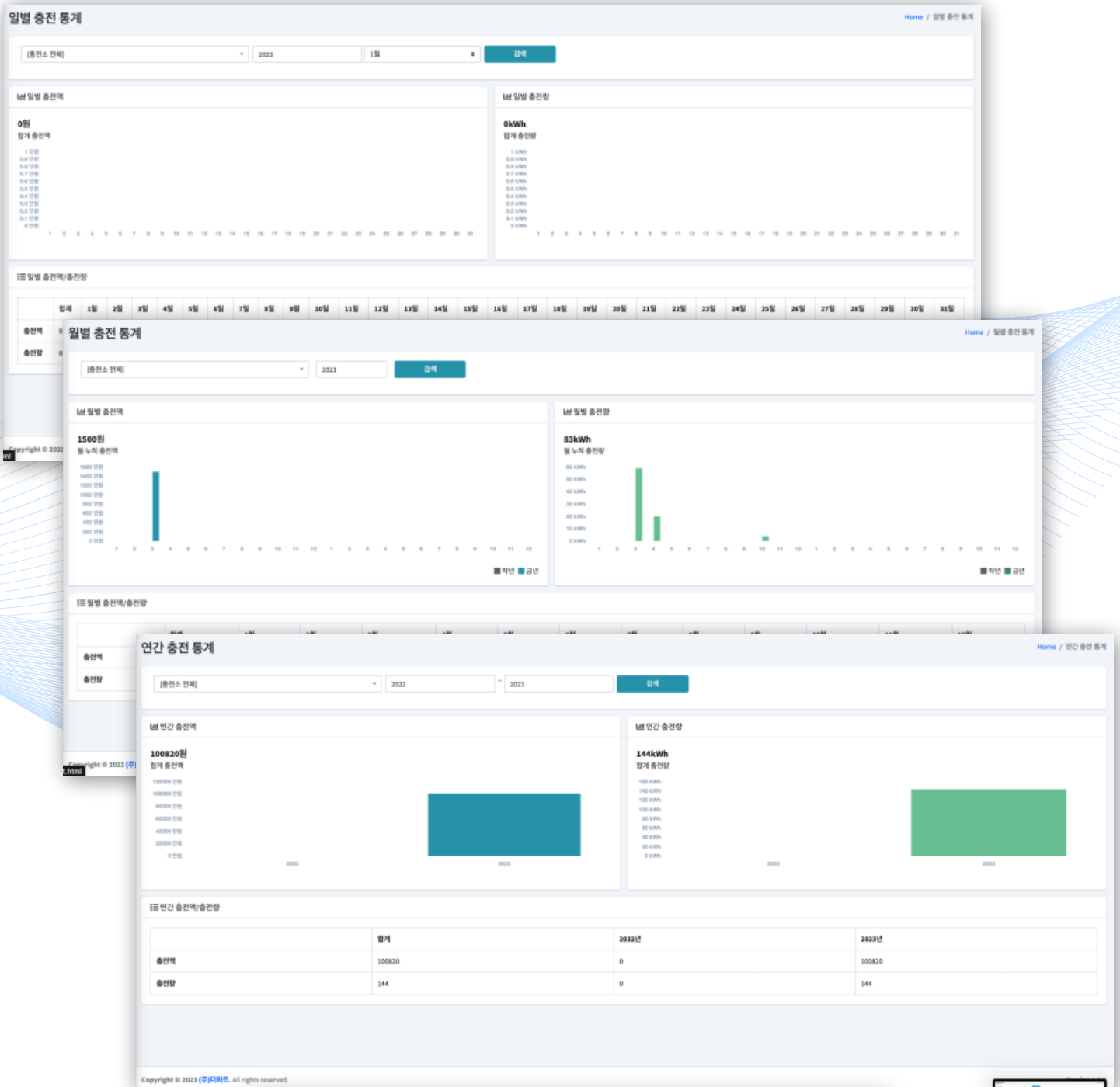
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Version 1.0.0

Main function

c. Power usage by period

You can view the charging usage for each charging station by setting a period such as daily, monthly, or yearly.



Main function

d. Disability Management

You can check the status of failures at each charging station. You can check the failure type, date of occurrence, and charger number of each charger in which a failure occurred.

This allows for rapid response.

충전기 장애 이력

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[충전소 전체]

2023-10-18 ~ 2023-11-17

충전기번호

검색

ID	상태	장애크드(명)	접수일시	완료일시
No matching records found				

[충전소 전체]

양평한신아파트

이마트 가평점 지하 주차장

계주 충전소

충반세르디움

충반세르디움2

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충전기 장애 이력

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[충전소 전체]

2023-10-18 ~ 2023-11-17

충전기번호

검색

발생일시	ID	충전기번호	접수일시	완료일시
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< 10월 2023 11월 2023 >

일	월	수	목	금	토	일	일	월	수	목	금	토	일
25	26	27	28	29	30	1		30	31	1	2	3	4
2	3	4	5	6	7	8		4	7	8	9	10	11
9	10	11	12	13	14	15		13	14	15	16	17	18
16	17	18	19	20	21	22		20	21	22	23	24	25
23	24	25	26	27	28	29		27	28	29	30	1	2
30	31	1	2	3	4	5		4	5	6	7	8	9

2023-10-18 ~ 2023-11-17

취소

확인

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Main function

e. Membership Management

You can manage membership by charging station and check address (unit number), ID, name, and contact information.

You can check the charging history for each user by entering the user address (unit number).

회원 추가

충전소*
[충전소 선택]

호수*
동호

사용여부*
Yes

성명

패스워드*

휴대전화*

이메일

회원카드*

*표는 필수 입력

회원 수정

충전소*
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KaKaoSN

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사용여부*
Yes

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이메일
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회원카드*
33333

Card UID*
122222

*표는 필수 입력

완료

삭제

닫기

회원 관리

[충전소 전체]

동

호(실)

이름

검색

추가

ID	충전소	호수	휴대폰	이메일	이름	회원카드/UID	가입일	사용여부
1699313725973	123동	4567호	85522355335			/	2023-11-07	Y
1698991743553	b2c동	b2c호	46454554545			/	2023-11-03	Y
1698989015809	b2c동	b2c호	56565656565			/	2023-11-03	Y
1695189501035	1235동	4565호	78787878787			/	2023-09-20	Y
1695189321686	2345동	101-101호	44664646466			/	2023-09-20	Y
1695189007917	1234동	101-101호	12821216111			/	2023-09-20	Y
1693525867325	1동	1002호	027179901-	sy.kang1@ledsaver.co.kr	홍길순2-	33333-/4FB4F948	2023-09-01	Y
1693457396756	102동	101-102호	62462642425			/	2023-08-31	Y
hong2	500동	1405호	027179901	kangsy1@gmail.com	홍길순1	33333/122222	2023-08-31	Y
1691646442147	2222동	호	33333333333			/	2023-08-10	Y
1691645784169	1동	101호	45454545786			/	2023-08-10	Y
1691456275965	1동	호	78787878787			/	2023-08-08	Y
1691453833615	1동	호	12122151454			/	2023-08-08	Y
1687220237888	1동	호	01088888888			/	2023-06-20	Y
1686532882788	1동	호	0612			/	2023-06-12	Y

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Main function

f. Administrator support

When unusual events occur due to conditions such as use of a charging station or charger or a failure, a notification service is provided to the administrator through the administrator web.



Main function

g. Billing operation system

By providing the charging platform "Zero Watt" free of charge, The Watt proposes charging profits with partners as follows.

The estimated annual revenue calculated as an example is the expected revenue per charger, and higher revenue may be realized depending on conditions.

Customer charging charge	Electricity fee	Monthly recharge income (A)	Monthly Deductible(B) *commission	Expected monthly profit (A-B)	expected annual revenue
380Won / kW	110Won / kW (Average including basic charge)	510,300	51,030	459,270	5,511,240

Charging fee can be set directly by the charger manufacturer (distributor), and the deductible amount changes depending on the set fee. (10% commission)

$(\text{Customer charging charge} - \text{Electricity fee}) \times 7\text{kW standard} \times 9 \text{ hours a day} \times 30 \text{ days per month}$
= Monthly recharge income A

Monthly recharge income(A) - Monthly Deductible(B) =
Expected monthly profit

[Notes to be noted]

- Charging conditions are conservatively assumed to be a monthly charge of 1,890kW (7kW standard x 9 hours per day x 30 days per month).
- Charging fee is assumed to be 380 won per kW (however, it may change depending on the fee policy)
- Expected profit is the amount deducted from the charging profit minus the deduction amount (10%).
- Charging rates can be set directly by the charger manufacturer (distributor)
- The 10% deductible is for server operation and maintenance costs.

Server distribution process

The Watt can be applied and installed easily without complicated processes, and one person in charge will take care of it from start to finish, enabling a quick response in case of inquiries or server errors.



Application(App)

User service

"Zero Watt" APP has all the basic functions of a charging app, and membership card issuance and point system are available.

The payment method is linked to Toss Payments, and QR payment is possible.
(NFC scheduled to be introduced later)



- Charging station search and finding function
- Charging station usage status, charging availability status
- Vehicle registration system and automatic charging initiation
- Charging/Charging complete guidance and user confirmation service in case of interruption
- Charger reservation service and push notifications
- Check monthly charging fee and power usage
- Check payment history, point recharge, and usage history
- Membership card issuance
- Various payment methods (QR supported, NFC to be introduced in the future)



The Watt Co., Ltd.

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