



## INTRO



# batron

01

## HIGH ENERGY COSTS

Increasing energy production and distribution costs



02

## DIFFICULTIES IN ACCESS TO ENERGY SOURCES

Residential areas with difficult access to location-based energy



03

## HIGH CARBON FOOTPRINT

Environmental damage caused by fossil based energy



04

## POWER OUTAGES

With the increase in energy consumption day by day, supply and demand imbalance



05

## DEPENDENCE ON EXTERNAL SUPPLIER FOR ENERGY

High energy imports due to low utilization rate of renewable energy





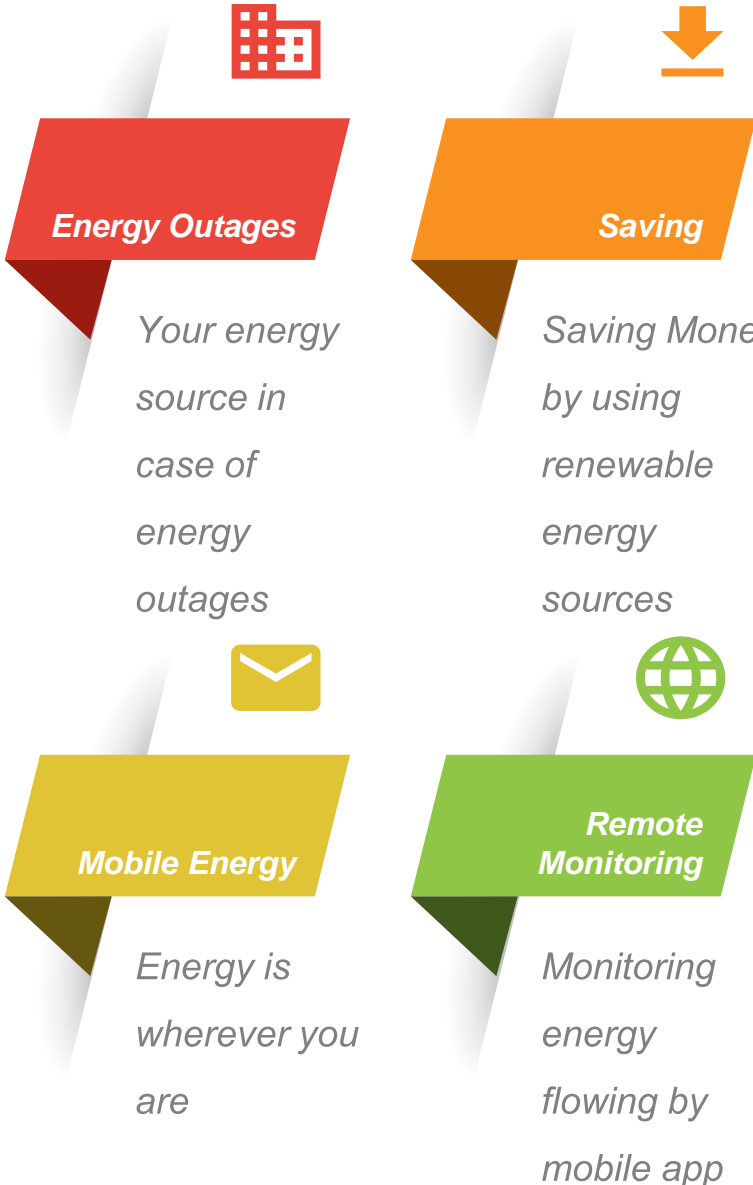
Residential Storage  
BEMS



Lithium Based  
Portable Power  
Supply



Smart Pole



01

UNINTERRUPTABLE ENERGY



02

SOLAR ENERGY INPUT



03

10-YEARS-LIFECYCLE



04

EASY INSTALLATION



05

REMOTE MONITORING ON CLOUD



ALL IN ONE  
PRODUCT

# 1. Residential Energy Storage / Versions



**2.4kWh**  
**BEMS**

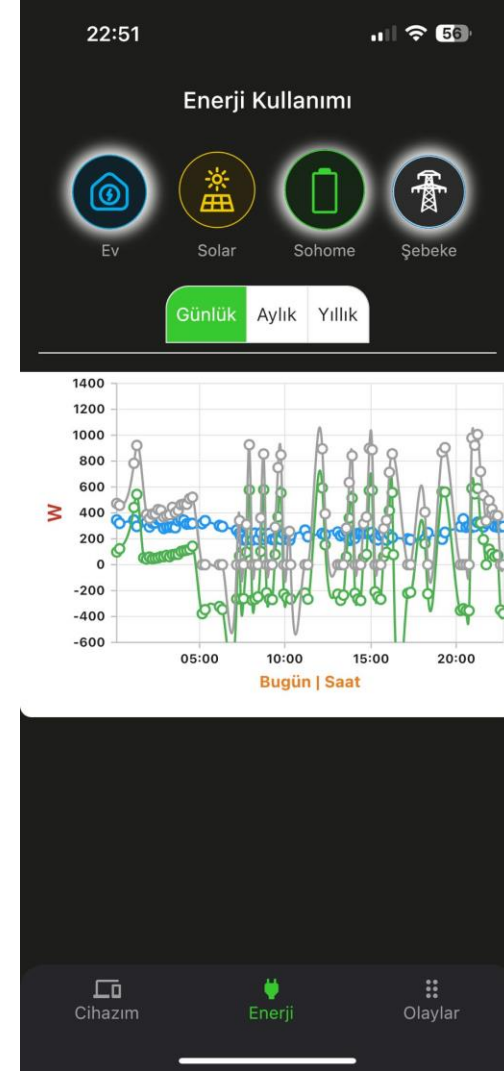
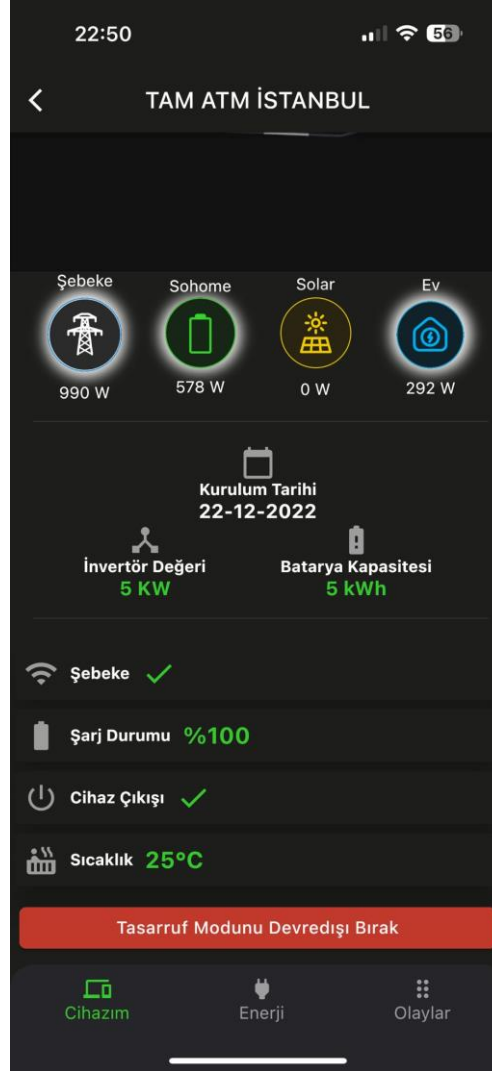
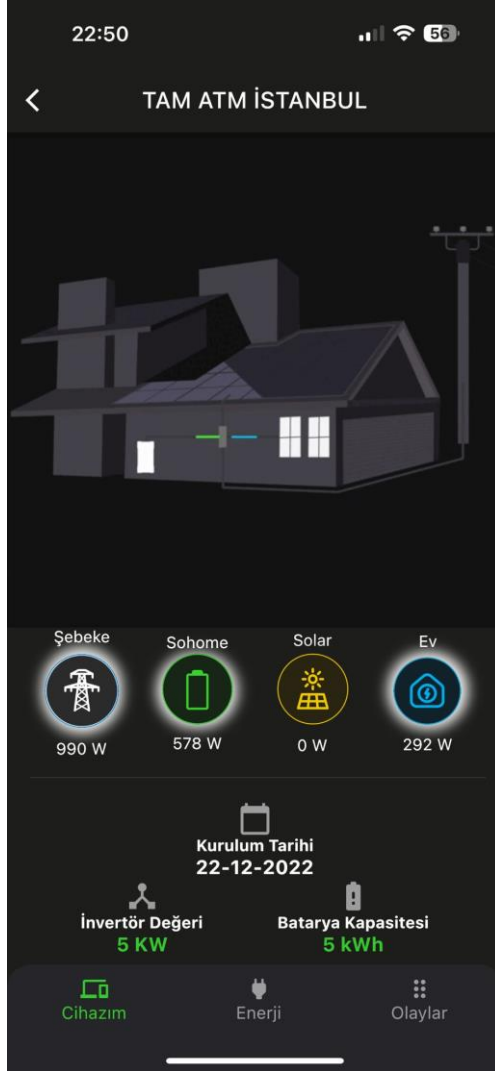


**5-10kWh**  
**BEMS OFFICE**



**30-90kWh**  
**BEMS INDUSTRIAL**  
**&**  
**MARINE**

# 1. Batron Mobile App





01

INTERNET ACCESS POINT



02

USB & WIRELESS CHARGE FOR PHONE



03

CLEAN ENERGY FROM SOLAR



04

IP CAMERA & SMART LIGHTING



05

REMOTE MONITORING ON CLOUD



*Lithium Based  
Smart Pole*

01

HUMIDITY MEASUREMENT



02

AIR QUALITY MEASUREMENT



03

NOISE LEVEL MEASUREMENT



04

ADVERTISEMENT AND NOTIFICATION BOARD



05

CHARGING OF SCOOTER/E-BIKE



*Lithium Based  
Smart Pole*



PARK & GARDEN & BUILDINGS

RESTAURANT & CAFE

EMERGENCY ASSEMBLY ZONE & DISASTER ZONES

BUS STOPS & UNIVERSITY CAMPUS

WORKPLACE & PLAZA & **FUEL STATION**

DATA ACQUISITION POINTS



01

220V AC OUTPUT



02

USB CHARGE OUTPUT FOR PHONES



03

RECHARGEABLE BY CAR, SOLAR, GRID



04

10-YEARS LONG LIFE



05

PORTABLE EASILY



*Lithium Based  
Power Station*

Rechargeable  
By Grid & Solar &  
Car

VERSIONS

Features	300Wh POWER STATION	600Wh POWER STATION
Capacity	300Wh	600Wh
Chemistry	LiFePO4	LiFePO4
Weight	5.9kg	7.4kg
Dimensions	162*385*215mm	162*385*215mm
Number of 220V AC Output	1	1
Number of USB Output	2	2
How to Charge	Solar/Car/Grid	Solar/Car/Grid
Images		



# 4. Customized-Military Purpose Battery Packs



24V Li-Ion  
For UAV&UGV



BB-2590 Li-Ion  
For Radio, Jammer,  
UAV&UGV



3kWh Li-Ion  
IP65, MIL-STD-810, MIL-STD-461  
-40 ile +60°C Operational Temp.  
RS-485 Communication Protocol  
For Weapon System



5kWh Li-Ion  
IP65, MIL-STD-810, MIL-STD-461, MIL-STD-1275  
-40 ile +60°C Operational Temp.  
5kW Discharge Rate  
<1,5h Charge Duration  
RS-485 Communication Protocol  
Rack Cabinet Compatible  
For Jammer On Vehicle



7.2V Li-Ion  
For Thermal Weapon



28.8V 8Ah Li-Ion  
-40 ile +60°C Operational Temp.  
5kW Discharge Rate  
<1h Charge Duration  
RS-485 Communication Protocol  
For weapon System



48V 455Ah Li-Ion  
-40 ile +60°C Operational Temp.  
23kW Discharge Rate  
CANBUS Communication Protocol

4. Customized-Civillian Purpose Battery Packs



48V 5kWh Li-Ion  
For Auto-Vehicle



24V 3.5kWh Li-Ion  
For Shuttle



72V 6kWh Li-Ion  
For E-Vehicle



48V 10kWh Li-Ion  
For Marine



48V 3kWh Li-Ion  
For Renewable Energy



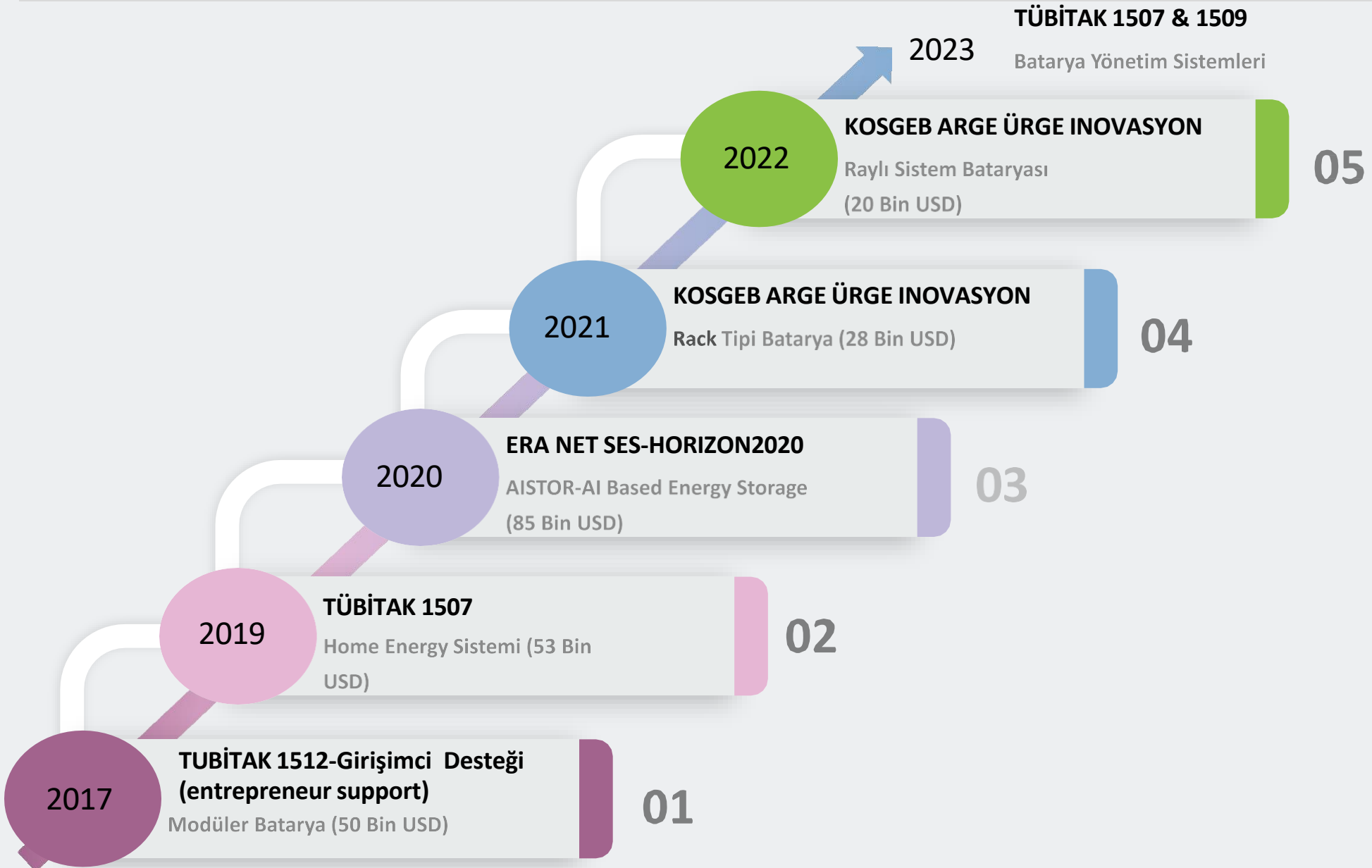
48V 2.2kWh Li-Ion  
For E-Vehicle

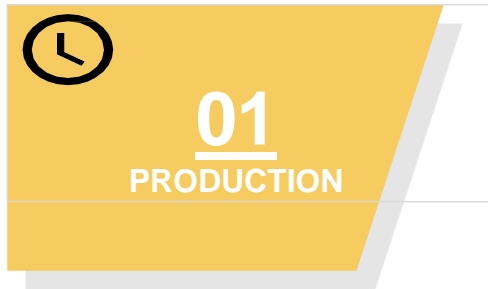


48V **90kWh** Li-Ion  
For Marine

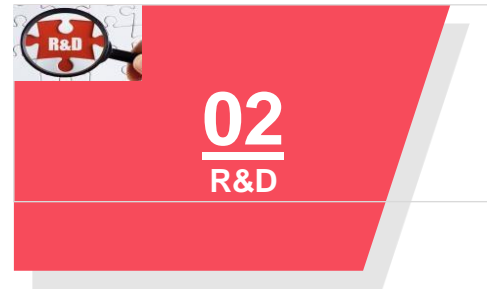


PROJECTS SUPPORTED BY GOVERNMENT





- 2 Electrical Technicians
- 1 Electronics Engineer
- 1 Mechanical Engineer



- 1 Electrical-Electrical Engineer (PhD student)
- 1 Electrical-Electrical Engineer (PhD student)
- 1 Mechanical Engineer

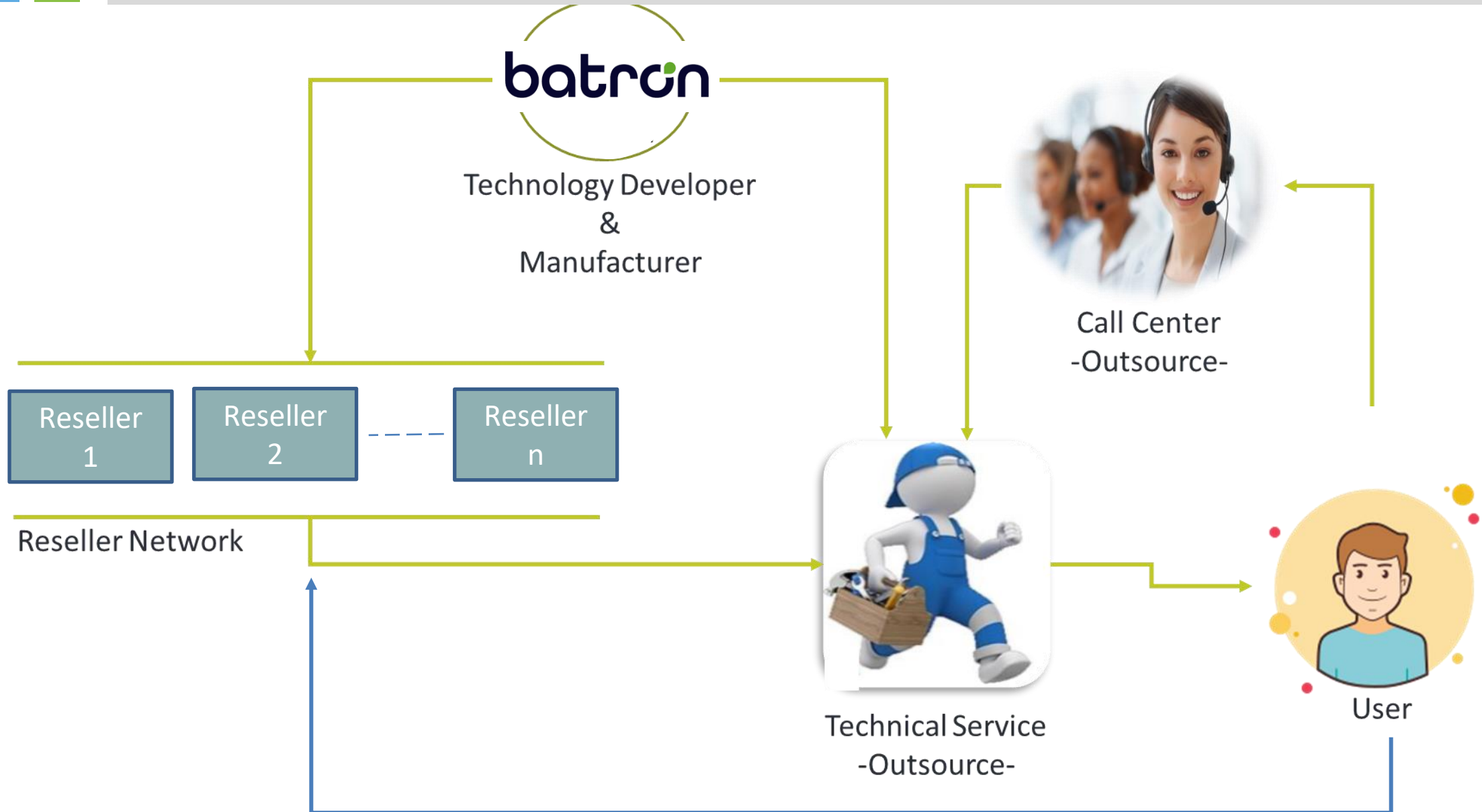


- 1 Quality Engineer
- ISO 18001:2007
- ISO 9001:2015
- ISO 14001:2015
- TSE-HYB Service Qualification



- 450 m<sup>2</sup> Indoor Space
- 75 m<sup>2</sup> Stock Space
- 1400 m<sup>2</sup> Outdoor Space
- 100 m<sup>2</sup> Management Offices
- 67 m<sup>2</sup> Technology Development Area
- 130m<sup>2</sup> R & D Space







Intro Videos



[info@batronenerji.com](mailto:info@batronenerji.com)

<https://twitter.com/BatronEnerji>

<https://www.instagram.com/batronenerji>

<https://www.linkedin.com/company/batron>

<https://www.facebook.com/batronarge>

[www.batronenerji.com](http://www.batronenerji.com)