



PRODUCT & SOLUTION CATALOGUE · 2026

Renewable Energy Solutions

The right solar architecture, sourced
for your market.

TÜRKİYE · INTERNATIONAL SUPPLY

PROJECT COORDINATION



ILLUSTRATIVE ENERGY ECOSYSTEM



A2ZEXIMCO

Energy solutions, shaped around the way you work.

A2ZEXIMCO is a Türkiye-based international export and sourcing partner. We connect customer requirements with suitable solar technologies, manufacturer relationships and export-focused coordination.



**Requirement-led
sourcing**



**Packages and
individual equipment**



**International supply
coordination**



ILLUSTRATIVE APPLICATION VIEW

Designed to move a buying decision forward.

Three disciplines keep the process clear.

01		02		03	
Define the requirement		Match the architecture		Prepare the offer	
Country, application, load profile, phase and storage expectations.		Package, inverter, battery, controller and balance-of-system choices.		Confirmed scope, product pairing, quantities and export coordination.	

CW Enerji, TommaTech and other suitable brands are identified where relevant to the published product family.



A2ZEXIMCO is positioned as the international sales, sourcing and export partner —not as the manufacturer of every product in this catalogue.

INSIDE THIS CATALOGUE

A focused route through the portfolio.

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Start with the way energy needs to behave.

Choose the operating mode first. Capacity comes next.



ON-GRID

Use solar while the grid is available.

Battery-free. No outage backup.



HYBRID

Use solar, store energy and retain selected backup.

Grid, battery and managed loads.



OFF-GRID

Build independent power for remote locations.

Solar and storage. No grid required.



IRRIGATION

Drive daytime water pumping from solar.

Pump curve and head define the design.



CARAVAN / MARINE

Power essential mobile and onboard loads.

Compact generation and storage.



Not sure? Share the application, phase, load and storage need. We will narrow the right path before quotation.



ILLUSTRATIVE APPLICATION VIEW

01 On-Grid Solar Packages

— USE SOLAR THROUGH THE WORKING DAY

Four clear buying steps. Six published package options.



Daytime self-consumption



Active grid connection



Battery-free packages

1-PHASE

5 kW

Medium 5.16 kWp · Large 6.02 kWp

Homes, villas, small offices

3-PHASE

5 kW

Medium 5.16 kWp

Small commercial and farm buildings

3-PHASE

10 kW

Medium 10.32 kWp · Large 12.90 kWp

Shops, offices, workshops

3-PHASE

15 kW

Medium 15.48 kWp

Higher daytime commercial loads



These packages do not provide power during a grid outage. Export to the grid depends on local utility rules.



[EXPLORE ON-GRID](#)



[EXPLORE ON-GRID](#)

Single-phase options, in three clear steps

Three battery-free reference configurations using CW Enerji 635 Wp TOPCon modules and TommaTech Uno Hybrid N LV inverters.

SMALL

6 kW SINGLE-PHASE





PV MODULE

INVERTER

ON-GRID MODE

6.35 kWp

10 × CW Enerji 635 Wp

6 kW · single-phase

TommaTech Uno Hybrid N6K LV

ONG-TT-HY-N6K-LV-MF

Small-to-medium homes, apartments and detached houses

GRID-CONNECTED · BATTERY NOT INCLUDED

MEDIUM

12 kW SINGLE-PHASE





PV MODULE

INVERTER

ON-GRID MODE

11.43 kWp

18 × CW Enerji 635 Wp

12 kW · single-phase

TommaTech Uno Hybrid N12K LV

ONG-TT-HY-N12K-LV-MF

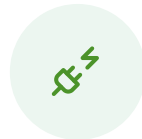
Large homes, high-consumption households and small businesses

GRID-CONNECTED · BATTERY NOT INCLUDED

LARGE

16 kW SINGLE-PHASE





PV MODULE

INVERTER

ON-GRID MODE

15.24 kWp

24 × CW Enerji 635 Wp

16 kW · single-phase

TommaTech Uno Hybrid N16K LV

ONG-TT-HY-N16K-LV-MF

Large detached homes, farms and small commercial sites

GRID-CONNECTED · BATTERY NOT INCLUDED

REFERENCE SCOPE The stated PV modules and inverter form the reference package. Mounting, cabling, protection, metering and installation are confirmed separately for each project.

As shown, no battery is included and outage operation is outside this reference scope. Final design follows local grid rules and site conditions.

Hybrid Solar Packages

Solar generation, lithium storage and the grid work together in one managed energy system.

 Store solar for later  Selected backup circuits  1-phase and 3-phase

1-PHASE	6 kW	6.02 or 6.88 kWp	11.5 kWh nominal / 10.4 kWh usable
3-PHASE	6 kW	6.02 kWp	11.5 kWh nominal / 10.4 kWh usable
3-PHASE	10 kW	10.32 or 12.90 kWp	11.5 kWh nominal / 10.4 kWh usable
3-PHASE	15 kW	15.48 kWp	11.5 kWh nominal / 10.4 kWh usable

 Backup performance depends on the selected loads. Exact inverter, battery and smart-meter pairing is confirmed with the offer.

[EXPLORE HYBRID](#)

ILLUSTRATIVE APPLICATION VIEW



[EXPLORE OFF-GRID](#)

Independent power, scaled to the load

Three practical starting points with clear PV, inverter and battery architecture. Final sizing follows the load profile.

SMALL

TT NEW 3K


PV MODULE


INVERTER


BATTERY

1.21 kWp
2 × TT605-144TNB10 · 605 Wp

3.0 kW · 24 V
OFG-TT-03-NEW3K-24MF

5.22 kWh nominal
1 × BTR-P-25.6V-204AH

 Essential household, farm and remote-site loads

FLEXIBLE

TT C PROX 6.2K


PV MODULE


INVERTER


BATTERY

6.05 kWp
10 × TT605-144TNB10 · 605 Wp

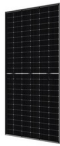
6.2 kW · 48 V
OFG-TT-C-PROX-6.2K-48MF

10.44 kWh nominal
2 × BTR-P-51.2V-102AH

 Growing residential, workshop and agricultural demand

LARGE

TT C PLUSX 11K


PV MODULE


INVERTER


BATTERY

12.10 kWp
20 × TT605-144TNB10 · 605 Wp

11 kW · 48 V
OFG-TT-C-PLUSX-11K-48MF

20.88 kWh nominal
4 × BTR-P-51.2V-102AH

 Higher-load homes, farms and commercial sites

REFERENCE SCOPE Specified PV modules, inverter, batteries, red and black 6 mm² solar cable and MC4 connectors. Mounting and final protection scope are confirmed with the offer.

 **CONTINUE TO HIGHER-STORAGE OPTIONS**

Two additional packages pair larger arrays with 20.48 or 30.72 kWh of nominal LFP storage.
Load schedule, surge demand and final string design are verified before quotation.


[EXPLORE OFF-GRID](#)

More stored energy for longer load schedules

Two published equipment packages for remote homes, farms and commercial applications with verified load planning.

BALANCED

7.65 kWp · 7.2 kW


PACKAGE CODE

OFP-7.2KWE-48V-18P

SOLAR ARRAY

7.65 kWp

18 × TT425-108TN10 · 425 Wp

INVERTER

7.2 kW · 230 V single-phase

1 × TT-MPLUS 7.2KW-48V

LFP STORAGE

20.48 kWh nominal

4 × 51.2 V · 100 Ah LFP modules

18.432 kWh at 90% DoD

Remote residential and business loads with a verified load schedule

HIGHER CAPACITY

11.05 kWp · 11 kW


PACKAGE CODE

OFP-11KWE-48V-26P

SOLAR ARRAY

11.05 kWp

26 × TT425-108TN10 · 425 Wp

INVERTER

11 kW · 230 V single-phase

1 × TT-MPLUS 11KW-48V

LFP STORAGE

30.72 kWh nominal

6 × 51.2 V · 100 Ah LFP modules

27.648 kWh at 90% DoD

Larger remote homes, farms and commercial sites

Published connection components are included in the reference equipment scope. Mounting, protection, installation and generator integration are project-specific. The 11.05 kWp reference requires current-revision PV-limit and string-voltage confirmation before quotation.



ILLUSTRATIVE APPLICATION VIEW

04 · WATER WHERE WORK HAPPENS

Solar Irrigation Systems

Match the pump first. Size the solar system around it.

Motor power, water demand and total dynamic head define the final configuration.



Daytime solar pumping



From tanks to larger wells



Project-matched drive

2.2 kW	1-phase · 230 V	4.84 kWp	Gardens · tanks · small water supply
5.5 kW	3-phase · 400 V	10.285 kWp	Small farms · greenhouses · livestock
11 kW	3-phase · 400 V	19.36 kWp	Orchards · vineyards · medium wells
18.5 kW	3-phase · 400 V	29.04 kWp	Commercial farms · larger boreholes
26 kW	3-phase · 400 V	45.375 kWp	High-capacity irrigation · water transfer



Pump curve, water demand, static level, total head and site conditions determine the final configuration. Pump supply is confirmed separately.



EXPLORE IRRIGATION

Caravan & Marine Solar Power Kits

Four levels from essential charging to longer-stay energy.



ILLUSTRATIVE APPLICATION VIEW

ESSENTIAL

220 Wp

1,000 W inverter

768 Wh storage

Lighting, electronics and essential loads

COMPACT

330 Wp

1,000 W inverter

1,280 Wh storage

Weekend travel and carefully planned appliances

TOURING

340 Wp

3,000 W inverter

2,560 Wh storage

Longer trips with a wider load mix

EXTENDED STAY

680 Wp

3,000 W inverter

5,120 Wh storage

More solar collection and storage for longer stays

⚙️ Actual autonomy depends on consumption and solar conditions. Marine cabling, mounting and environmental protection are selected for the installation.



[EXPLORE MOBILE KITS](#)

Solar Panels

Choose the module family by output, available area, handling needs and the electrical design—not by wattage alone.



N-type TOPCon portfolio



Black-frame and double-glass



420–755 Wp family range



[EXPLORE PANELS](#)



420–450 Wp

Black Series

Black-frame TOPCon

Roofs where output and visual integration both matter

420–450 Wp

Rooftop Series

Compact bifacial double-glass

Segmented and distributed rooftop layouts

510–535 Wp

High Efficiency

108-cell M12 format

Higher power in a comparatively compact module format

590–620 Wp

Commercial & Industrial

144-cell bifacial double-glass

Commercial and industrial rooftops

620–655 Wp

High-Power Bifacial

M12 bifacial double-glass

Projects designed to use high front-side output and rear-side irradiance

715–755 Wp

Utility-Scale Module

Large-format 18-busbar family

High-capacity arrays that can accommodate the larger module format

CW ENERJI PRODUCT FAMILIES



Power values are front-side STC ratings. Bifacial rear-side contribution depends on the installation environment.

Solar Inverters

Choose by operating mode first, then phase, power, PV input and battery architecture.



OFF-GRID

1–11 kW

Independent power + battery



ON-GRID

1–135 kW

Grid-tied generation



HYBRID

3–125 kW

Solar + storage + grid



SOLAR PUMPING

2.2–250 kW

Pump drives + cabinets



Confirm grid voltage, phase, PV-string limits, export-control needs and approved battery pairing for the exact model.

[EXPLORE INVERTERS](#)[PRODUCT FAMILY VIEW](#)

Off-Grid Inverters

A clear path from compact standalone systems to a scalable 11 kW platform.



New Basic

1–5 kW

PWM / MPPT · 12 / 24 / 48 V

A flexible entry platform for compact standalone systems



C Pro

3 & 5 kW

Dual MPPT · 24 / 48 V

Two practical sizes for professionally planned remote loads



C ProX

1.5–8 kW

Four sizes · 12 / 24 / 48 V

A wider choice of power and battery architecture



C PlusX

11 kW

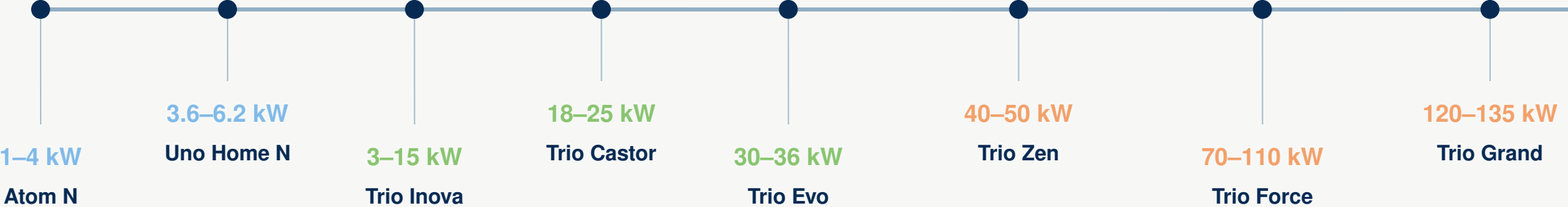
48 V · 22 kVA surge · up to 6 in parallel

Higher-power single-phase systems with expansion potential

KEY FEATURES · MPPT OPTIONS · 12 / 24 / 48 V ARCHITECTURES · HIGH SURGE OPTION · PARALLEL EXPANSION ON C PLUSX

On-Grid Inverters

Eight families create a continuous route from residential arrays to larger commercial installations.



 **Array flexibility**
Multiple MPPT architectures across the portfolio.

 **Quiet options**
Natural-cooling families for selected distributed sites.

 **Project control**
Monitoring and export-control options by model.

 The published Trio Grand model table lists 120, 125, 130 and 135 kW. This catalogue follows those listed values.



Match phase and power with the battery voltage architecture.

 Solar + storage + grid

 EPS / selected backup

 Low- and high-voltage paths

3–7.5 kW

Uno Hybrid K

1-PHASE · HIGH VOLTAGE

Compact hybrid platform with EPS output

6–16 kW

Uno Hybrid N

1-PHASE · LOW VOLTAGE

For substantial single-phase storage and backup needs

5–25 kW

Trio Hybrid S

3-PHASE · HIGH VOLTAGE

Residential and commercial three-phase storage

15–20 kW

Trio Hybrid F

3-PHASE · LOW VOLTAGE

Two battery inputs for matched LV storage systems

30–125 kW

Trio Hybrid Maxi

3-PHASE · HIGH VOLTAGE

A higher-power route for commercial storage architecture

 Use only approved inverter and battery combinations. Backup output, load selection and expansion rules are model-specific.

Solar Pump Drives & Ready Cabinets

A coordinated route from the pump motor to the protected field-ready assembly.



PUMP INVERTERS

2.2–15 kW

SPI ABS

Compact enclosure for lower-power pumping duties

18.5–132 kW

SPI Metal

Commercial and agricultural motor power range

160–250 kW

SPI Cabinet Type

Engineered high-volume pumping applications



PRE-ASSEMBLED IP55 CABINETS

5.5–15 kW

Compact IP55 cabinet family

18.5–55 kW

Central commercial pumping range

75–132 kW

Larger wells and water-transfer networks

160–250 kW

Project-confirmed high-capacity cabinets

⚙ Final selection requires motor current, pump curve, water demand, head, cable route and site conditions.



PRODUCT FAMILY VIEW

08 · STORE ENERGY WITH INTENT

Energy Storage Systems

Match the battery to the inverter—and separate nominal from usable capacity.

HIGH-VOLTAGE PLATFORMS

Hightech Power 5.8 HV	5.8–23.0 kWh nominal 5.2–20.7 kWh usable
Hightech Power 3.0 HV	≈3.1–12.3 kWh nominal 2.8–11.0 kWh usable
Hightech Power S HV	8–24 kWh nominal 7.2–21.6 kWh usable

LOW-VOLTAGE MODULES

25.6 V · 204 Ah G2 5.22 kWh	51.2 V · 100 Ah PB 5.12 kWh
51.2 V · 102 Ah G2 5.22 kWh · modular or rack	51.2 V · 280 Ah Modular V 14.34 kWh

❑ Nominal energy is not usable AC energy. Approved module combinations, power limits and communication accessories are confirmed with the system design.



[EXPLORE STORAGE](#)

09

RENEWABLE ENERGY SOLUTIONS

All-in-One Energy Storage Systems

Hybrid inverter, modular battery storage and energy management in a coordinated architecture.



PRODUCT FAMILY VIEW

TRIO HYBRID S · HV AIO

**5–20 kW****8–24 kWh nominal**

7.2–21.6 kWh usable

Three-phase high-voltage architecture for residential and light-commercial storage.

TRIO HYBRID S · LV AIO

**5–12 kW****5.12 kWh modules**

Stackable low-voltage storage

Three-phase low-voltage architecture with compact modular battery expansion.

**Fewer interface decisions****Compact architecture****Managed energy flow**

HV and LV platforms use different battery architectures; final module count and backup design require matched system selection.

[EXPLORE AIO](#)

10 Solar Charge Controllers

Two clear charging routes for compatible standalone battery systems.

TT4524AU · PWM



45 A

12 / 24 V

LCD · programmable load modes · dual USB

Compact DC and entry-level standalone systems

SCC-MPPT 3KW



60 A

12 / 24 / 48 V

60–115 V MPPT window · 145 V max PV Voc

Systems that benefit from MPPT and a wider PV operating window



[EXPLORE CONTROLLERS](#)

Check battery voltage and chemistry, maximum PV Voc, operating window and permitted PV-array power before selection.



[PRODUCT RANGE VIEW](#)

Balance of System

The structure and connections turn selected equipment into a buildable system.



11 · SOLAR MOUNTING

A modular foundation for the array.

2×3 base configuration · extensions to 2×33 · 6–66 panels



Galvanized modular structure



Final design follows site loads



Module dimensions verified



[MOUNTING](#)

12 · SOLAR CONNECTION EQUIPMENT

The interfaces that complete the system.



SOLAR DC CABLE

4 / 6 / 10 mm²



PV CONNECTORS

Straight and branch sets



PREPARED PV SETS

Panel-to-panel, controller or inverter



BATTERY SETS

Power, communication, grounding and parallel links



[CONNECTION](#)

✓ Cable size, voltage drop, connector compatibility, polarity and approved device interfaces are confirmed before supply.



REQUEST A TAILORED OFFER

Tell us what needs power.

We will use the project basics to narrow the right architecture and prepare a clearer offer.

FROM ANKARA, TÜRKİYE
TO YOUR MARKET

WHAT TO SEND



Country and destination market



Application and installation type



Consumption, load list or pump duty



Grid availability and phase



Storage and backup expectations



Quantity and project conditions

DISCUSS YOUR ENERGY REQUIREMENTS



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Ankara, Türkiye



[EXPLORE THE FULL RANGE](#)

[Request a Tailored Offer](#)