



GERMAN-based company ●●●

**FLEXIBLE
OFF-GRID SOLAR PACKAGES**

2023

FLEXIBLE OFF-GRID SOLAR PACKAGES

2 Panels (110Wp) 1kWe Off-Grid (12V) Solar Package

1.PACKAGE CODE: **OFS-1KWE-12V-2P-ES**

1
kWe



flexible



2
Pieces

What can it power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television and also meet your needs in terms of lighting and charging cell phone.

HOW LONG CAN EACH DEVICE WORK WITH THIS PACKAGE	Fridge	Washing Machine	Dishwasher	Laptop	TV	5W DC Lamp & 11W Energy Saving Lamp	Vacuum Cleaner	Mobile Phone Charging, Toy Charging, Mp3, Radio Player Charging
	-	-	-	For 2 Hours Excluding Peripherals	24 Inch LCD LED TV for 2 Hours	2 Energy Saving Lamps for 8 Hours	-	1 for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wh)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)
OFS-1KWE-12V-2P-ES	TT110Wp x 2	12	880	1000	1.4	1 x 12.8V 100 Ah	768

Note: The usage times and generation values mentioned above have been calculated by taking the annual average sunshine duration (4 hours per day) for Türkiye as an example. The produced energy and consumption times may vary depending on weather conditions and region.

Package Code	Product Description	Quantity	Unit
OFS-1KWE-12V-2P-ES	TommaTech 110Wp Flexible Solar Panel	2	Piece
	TommaTech New 1K 12V Single Phase Smart Inverter	1	Piece
	TommaTech LiFePO ₄ 12.8V 100Ah Smart Lithium Battery	1	Piece
	SMC4-BRANCH Female-Male Y Junction Connector Set	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	10	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	10	Piece
	TommaTech Battery-Inverter 1.5m Connection Set	1	Piece

*The data and technical specifications given in this document are for preliminary information and may vary depending on the way the products are used, the system design and the environmental conditions.

3 Panels (110Wp) 1kWe Off-Grid (12V) Solar Package

2.PACKAGE CODE: **OFS-1KWE-12V-3P-ES**

**1
kWe**



flexible



**3
Pieces**

What can it power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, mini fridge and also meet your needs in terms of lighting and charging cell phone.

HOW LONG CAN EACH DEVICE WORK WITH THIS PACKAGE	Fridge	Washing Machine	Dishwasher	Laptop	TV	5W DC Lamp & 11W Energy Saving Lamp	Vacuum Cleaner	Mobile Phone Charging, Toy Charging, Mp3, Radio Player Charging
	1 A++ Energy Class Mini Fridge for 10 Hours	-	-	For 2 Hours Excluding Peripherals	24 Inch LCD LED TV for 8 Hours	2 Energy Saving Lamps for 8 Hours	-	2 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wh)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)
OFS-1KWE-12V-3P-ES	TT110Wp x 3	12	1320	1000	2.1	1 x 12.8V 100Ah	1280

Note: The usage times and generation values mentioned above have been calculated by taking the annual average sunshine duration (4 hours per day) for Türkiye as an example. The produced energy and consumption times may vary depending on weather conditions and region.

Package Code	Product Description	Quantity	Unit
OFS-1KWE-12V-3P-ES	TommaTech 110Wp Flexible Solar Panel	3	Piece
	TommaTech New 1K 12V Single Phase Smart Inverter	1	Piece
	TommaTech LiFePO ₄ 12.8V 100Ah Smart Lithium Battery	1	Piece
	SMC4-BRANCH Female-Male Y Junction Connector Set	2	Piece
	Panel-Panel 1.5 m Connection Set	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	10	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	10	Piece
	TommaTech Battery-Inverter 1.5m Connection Set	1	Piece

**The data and technical specifications given in this document are for preliminary information and may vary depending on the way the products are used, the system design and the environmental conditions.*

2 Panels (170Wp) 3kWe Off-Grid (24V) Solar Package

3.PACKAGE CODE: **OFS-3KWE-24V-2P-ES**

**3
kWe**



flexible



**2
Pieces**

What can it power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, mini fridge, vacuum cleaner and also meet your needs in terms of lighting and charging cell phone.

HOW LONG CAN EACH DEVICE WORK WITH THIS PACKAGE	Fridge	Washing Machine	Dishwasher	Laptop	TV	5W DC Lamp & 11W Energy Saving Lamp	Vacuum Cleaner	Mobile Phone Charging, Toy Charging, Mp3, Radio Player Charging
	1 A++ Energy Class Mini Fridge for 24 Hours	-	-	For 4 Hours Excluding Peripherals	24 Inch LCD LED TV for 12 Hours	2 LED Lamps for 6 Hours 3 Energy Saving Lamps for 6 Hours	1 for 30min	2 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wh)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)
OFS-3KWE-24V-2P-ES	TT170Wp x 2	24	1360	3000	2.6	1 x 25.6V 100 Ah	2560

Note: The usage times and generation values mentioned above have been calculated by taking the annual average sunshine duration (4 hours per day) for Türkiye as an example. The produced energy and consumption times may vary depending on weather conditions and region.

Package Code	Product Description	Quantity	Unit
OFS-3KWE-24V-2P-ES	TommaTech 170Wp Flexible Solar Panel	2	Piece
	TommaTech New 3K 24V Single Phase Smart Inverter	1	Piece
	TommaTech LiFePO ₄ 25.6V 100Ah Smart Lithium Battery	1	Piece
	SMC4-BRANCH Female-Male Y Junction Connector Set	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	10	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	10	Piece
	TommaTech Battery-Inverter 1.5m Connection Set	1	Piece

**The data and technical specifications given in this document are for preliminary information and may vary depending on the way the products are used, the system design and the environmental conditions.*

4 Panels (170Wp) 3kWe Off-Grid (24V) Solar Package

4.PACKAGE CODE: **OFS-3KWE-24V-4P-ES**

**3
kWe**



flexible



**4
Pieces**

What can it power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, mini fridge, washing machine, dishwasher, vacuum cleaner and also meet your needs in terms of lighting and charging cell phone.

HOW LONG CAN EACH DEVICE WORK WITH THIS PACKAGE	Fridge	Washing Machine	Dishwasher	Laptop	TV	5W DC Lamp & 11W Energy Saving Lamp	Vacuum Cleaner	Mobile Phone Charging, Toy Charging, Mp3, Radio Player Charging
	1 A++ Energy Class Mini Fridge for 24 Hours	1 A Energy Class Washing Machine at 30°C for 2 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 1 Hour Per Day	For 8 Hours Excluding Peripherals	24 Inch LCD LED TV for 16 Hours	2 LED Lamps for 6 Hours 4 Energy Saving Lamps for 6 Hours	1 for 30min	2 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wh)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)
OFS-3KWE-24V-4P-ES	TT170Wp x 4	24	2720	3000	5.2	1 x 25.6V 200Ah	5120

Note: The usage times and generation values mentioned above have been calculated by taking the annual average sunshine duration (4 hours per day) for Türkiye as an example. The produced energy and consumption times may vary depending on weather conditions and region.

Package Code	Product Description	Quantity	Unit
OFS-3KWE-24V-4P-ES	TommaTech 170Wp Flexible Solar Panel	4	Piece
	TommaTech New 3K 24V Single Phase Smart Inverter	1	Piece
	TommaTech LiFePO ₄ 25.6V 200Ah Smart Lithium Battery	1	Piece
	SMC4-BRANCH Female-Male Y Junction Connector Set	3	Piece
	Panel-Panel 1.5m Solar Cable Set	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	10	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	10	Piece
	TommaTech Battery-Inverter 1.5m Connection Set	1	Piece

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