



GERMAN-based company ●●●

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OFF-GRID SOLAR PACKAGES  
WITH LITHIUM BATTERIES

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2024

## OFF-GRID SOLAR PACKAGES WITH LITHIUM BATTERIES

### 1 Panel (425Wp) 1kWe Off-Grid (12V) Solar Package

1.PACKAGE CODE: **OFP-1KWE-12V-1P**

**1  
kWe**



**1  
Piece**

#### 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	11W Energy Saving Lamp & 5W DC Lamp	Vacuum Cleaner	Mobile Phone Charging Toy Charging Mp3, Radio Player Charging
	-	-	-	For 2 Hours Excluding Peripherals	24 Inch LCD LED TV for 6 Hours	1 LED Lamp for 4 Hours 2 Energy Saving Lamps for 8 Hours	-	1 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-1KWE-12V-1P</b>	TT425Wp x 1	12	1700	1000	1.96	1 x 12.8V 60Ah	768	691.2

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
PanelxString	1x1		
<b>OFP-1KWE-12V-1P</b>	TT 425Wp 108TN M10 TOPCon Solar Panel	1	Piece
	TT New 1K 12V MPPT Single Phase Smart Inverter	1	Piece
	TT ECO Series 12.8V 60Ah LFP Lithium Battery	1	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	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. TommaTech GmbH reserves the right to change the specification of product without prior notice.

## 2 Panels (425Wp) 1kWe Off-Grid (12V) Solar Package

### 2.PACKAGE CODE: **OFP-1KWE-12V-2P**

**1  
kWe**



**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 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	11W Energy Saving Lamp & 5W DC 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	1 Pc. 24 Inch LCD LED TV for 10 Hours	2 LED Lamps for 8 Hours 2 Energy Saving Lamps for 8 Hours	-	1 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m <sup>2</sup> )	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-1KWE-12V-2P</b>	TT425Wp x 2	12	3400	1000	3.92	1 x 12.8V 100Ah	1280	1152

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
PanelxString	2x1		
<b>OFP-1KWE-12V-2P</b>	TT 425Wp 108TN M10 TOPCon Solar Panel	2	Piece
	TT New 1K 12V MPPT Single Phase Smart Inverter	1	Piece
	TT ECO SERIES 12.8V 100Ah LFP Lithium Battery	1	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm <sup>2</sup> -Cross Section) Solar Cable	25	Piece
	DC Red 1 Meter (6.00 mm <sup>2</sup> -Cross Section) Solar Cable	25	Piece

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## 4 Panels (425Wp) 3kWe Off-Grid(24V) Solar Package

### 3.PACKAGE CODE: **OFP-3KWE-24V-4P**

**3  
kWe**



**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 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	11W Energy Saving Lamp & 5W DC 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	1 Pc. 35 Inch LCD LED TV for 12 Hours	4 LED Lamps for 8 Hours 4 Energy Saving Lamps for 8 Hours	-	1 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-3KWE-24V-4P</b>	TT425Wp x 4	24	6800	3000	7.84	1 x 25.6V 100Ah	2560	2304

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
PanelxString	(2x1)x2		
<b>OFP-3KWE-24V-4P</b>	TT 425Wp 108TN M10 TOPCon Solar Panel	4	Piece
	TT New 3K 24V MPPT Single Phase Smart Inverter	1	Piece
	TT Eco Series 25.6 V 100Ah LFP Lithium Battery	1	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	SMC4-MC4 Female-Male Connector Set	4	Piece
	SMC4-BRANCH Y Connector Set	1	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece

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## 6 Panels (425Wp) 3.6kWe Off-Grid(24V) Solar Package

### 4.PACKAGE CODE: **OFP-3.6KWE-24V-6P**

**3.6  
kWe**



**6  
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	11W Energy Saving Lamp & 5W DC 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 1 Hour Per Day	1 A Energy Class Dishwasher on Eco Mode for 1 Hour Per Day	For 4 Hours Excluding Peripherals	1 Pc. 35 Inch LCD LED TV for 12 Hours	4 LED Lamps for 12 Hours 4 Energy Saving Lamps for 12 Hours	1 for 30 Min	2 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-3.6KWE-24V-6P</b>	TT425Wp x 6	24	10200	3600	11.76	1 x 25.6V 200Ah	5120	4608

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
PanelxString	6x1		
<b>OFP-3.6KWE-24V-6P</b>	TT 425Wp 108TN M10 TOPCon Solar Panel	6	Piece
	TT New 3.6K 24V MPPT Single Phase Smart Inverter	1	Piece
	TT Modular Series 25.6 V 200Ah LFP Lithium Battery	1	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	1	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	TT Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece

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## 9 Panels (425Wp) 3.6kWe Off-Grid(24V) Solar Package

### 5.PACKAGE CODE: **OFP-3.6KWE-24V-9P**

**3.6  
kWe**



**9  
Pieces**

### What Can It Power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, 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	11W Energy Saving Lamp & 5W DC Lamp	Vacuum Cleaner	Mobile Phone Charging Toy Charging Mp3, Radio Player Charging
	1 A++ Energy Class Fridge for 24 Hours	1 A Energy Class Washing Machine at 30° C for 2.5 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 2 Hours Per Day	For 12 Hours Excluding Peripherals	1 Pc. 43 Inch LCD LED TV for 12 Hours	6 LED Lamps for 12 Hours 6 Energy Saving Lamps for 12 Hours	1 for 2 Hours	1 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-3.6KWE-24V-9P</b>	TT425Wp x 9	24	15300	3600	17.64	2 x 25.6V 200Ah	10240	9216

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
<b>OFP-3.6KWE-24V-9P</b>	PanelxString 9x1 TT 425Wp 108TN M10 TOPCon Solar Panel	9	Piece
	TT MPlus 3.6K 24V MPPT Single Phase Smart Inverter	1	Piece
	TT Modular Series 25.6 V 200Ah LFP Lithium Battery	2	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	1	Piece
	Paralell LFP Lithium Battery Cable Set	1	Piece
	Battery to Battery Communication Cable	1	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	TT Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece

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## 12 Panels (425Wp) 5.6kWe Off-Grid(48V) Solar Package

### 6.PACKAGE CODE: **OFP-5.6KWE-48V-12P**

**5.6  
kWe**



**12  
Pieces**

### What Can It Power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, 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	11W Energy Saving Lamp & 5W DC Lamp	Vacuum Cleaner	Mobile Phone Charging Toy Charging Mp3, Radio Player Charging
	1 A++ Energy Class Fridge for 24 Hours	1 A Energy Class Washing Machine at 30° C for 2.5 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 2 Hours Per Day	For 12 Hours Excluding Peripherals	1 Pc. 43 Inch LCD LED TV for 12 Hours	6 LED Lamps for 12 Hours 6 Energy Saving Lamps for 12 Hours	1 for 2 Hours	2 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-5.6KWE-48V-12P</b>	TT425Wp x 12	48	20400	5600	23.52	2 x 51.2V 100Ah	10240	9216

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
<b>OFP-5.6KWE-48V-12P</b>	PanelxString 12x1 TT 425Wp 108TN M10 TOPCon Solar Panel	12	Piece
	TT New 5.6K 24V MPPT Single Phase Smart Inverter	1	Piece
	TT Modular Series 51.2 V 100Ah LFP Lithium Battery	2	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	1	Piece
	Parallel LFP Lithium Battery Cable Set	1	Piece
	Battery to Battery Communication Cable	1	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	TT Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece

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## 14 Panels (425Wp) 7.2kWe Off-Grid(48V) Solar Package

### 7.PACKAGE CODE: **OFP-7.2KWE-48V-14P**

**7.2  
kWe**



**14  
Pieces**

#### What Can It Power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, 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	11W Energy Saving Lamp & 5W DC Lamp	Vacuum Cleaner	Mobile Phone Charging Toy Charging Mp3, Radio Player Charging
	1 A++ Energy Class Fridge for 24 Hours	1 A Energy Class Washing Machine at 30° C for 4 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 4 Hours Per Day	For 12 Hours Excluding Peripherals	1 Pc. 60 Inch LCD LED TV for 12 Hours	8 LED Lamps for 12 Hours 8 Energy Saving Lamps for 12 Hours	1 for 3 Hours	4 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-7.2KWE-48V-14P</b>	TT425Wp x 14	48	23800	7200	27.44	3 x 51.2V 100Ah	15360	13824

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
<b>OFP-7.2KWE-48V-14P</b>	PanelxString 7x2 TT 425Wp 108TN M10 TOPCon Solar Panel	14	Piece
	TT MPlus 7.2K 48V MPPT Single Phase Smart Inverter	1	Piece
	TT Modular Series 51.2 V 100Ah LFP Lithium Battery	3	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	1	Piece
	Paralell LFP Lithium Battery Cable Set	2	Piece
	Battery to Battery Communication Cable	2	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	TT Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	4	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	50	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	50	Piece

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## 18 Panels (425Wp) 7.2kWe Off-Grid(48V) Solar Package

### 8.PACKAGE CODE: **OFP-7.2KWE-48V-18P**

**7.2  
kWe**



**18  
Pieces**

### What Can It Power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, 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	11W Energy Saving Lamp & 5W DC Lamp	Vacuum Cleaner	Mobile Phone Charging Toy Charging Mp3, Radio Player Charging
	1 A++ Energy Class Fridge for 48 Hours	1 A Energy Class Washing Machine at 30° C for 4 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 4 Hours Per Day	For 24 Hours Excluding Peripherals	1 Pc.60 Inch LCD LED TV for 12 Hours	10 LED Lamps for 24 Hours 10 Energy Saving Lamps for 24 Hours	1 for 3.5 Hours	4 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m <sup>2</sup> )	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-7.2KWE-48V-18P</b>	TT425Wp x 18	48	30600	7200	35.28	4 x 51.2V 100Ah	20480	18432

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
<b>OFP-7.2KWE-48V-18P</b>	PanelxString 9x2 TT 425Wp 108TN M10 TOPCon Solar Panel	18	Piece
	TT MPlus 7.2K 48V MPPT Single Phase Smart Inverter	1	Piece
	TT Modular Series 51.2 V 100Ah LFP Lithium Battery	4	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	2	Piece
	Parallel LFP Lithium Battery Cable Set	3	Piece
	Battery to Battery Communication Cable	3	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	TT Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	4	Piece
	DC Black 1 Meter (6.00 mm <sup>2</sup> -Cross Section) Solar Cable	75	Piece
	DC Red 1 Meter (6.00 mm <sup>2</sup> -Cross Section) Solar Cable	75	Piece

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## 22 Panels (425Wp) 11kWe Off-Grid(48V) Solar Package

### 9.PACKAGE CODE: **OFP-11KWE-48V-22P**

**11  
kWe**



**22  
Pieces**

### What Can It Power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, 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	11W Energy Saving Lamp & 5W DC Lamp	Vacuum Cleaner	Mobile Phone Charging Toy Charging Mp3, Radio Player Charging
	2 A++ Energy Class Fridges for 72 Hours	1 A Energy Class Washing Machine at 30° C for 4.5 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 4 Hours Per Day	For 24 Hours Excluding Peripherals	2 Pcs. 60 Inch LCD LED TV for 12 Hours	10 LED Lamps for 24 Hours 10 Energy Saving Lamps for 24 Hours	1 for 4 Hours	4 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-11KWE-48V-22P</b>	TT425Wp x 22	48	37400	11000	43.12	5 x 51.2V 100Ah	25600	23040

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
<b>OFP-11KWE-48V-22P</b>	PanelxString 11x2 TT 425Wp 108TN M10 TOPCon Solar Panel	22	Piece
	TT MPlus 11K 48V MPPT Single Phase Smart Inverter	1	Piece
	CW Modular Series 51.2 V 100Ah LFP Lithium Battery	5	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	2	Piece
	Paralell LFP Lithium Battery Cable Set	4	Piece
	Battery to Battery Communication Cable	4	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	TT Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	4	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	75	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	75	Piece

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## 26 Panels (425Wp) 11kWe Off-Grid(48V) Solar Package

### 10.PACKAGE CODE: **OFP-11KWE-48V-26P**

**11  
kWe**



#### What Can It Power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, 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	11W Energy Saving Lamp & 5W DC Lamp	Vacuum Cleaner	Mobile Phone Charging Toy Charging Mp3, Radio Player Charging
	2 A++ Energy Class Fridges for 72 Hours	1 A Energy Class Washing Machine at 30° C for 6 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 4 Hours Per Day	2 for 24 Hours Excluding Peripherals	2 Pcs. 67 Inch LCD LED TV for 12 Hours	14 LED Lamps for 24 Hours 12 Energy Saving Lamps for 24 Hours	1 for 3.5 Hours	8 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-11KWE-48V-26P</b>	TT425Wp x 26	48	44200	11000	50.96	6 x 51.2V 100Ah	30720	27648

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
<b>OFP-11KWE-48V-26P</b>	PanelxString 13x2 TT 425Wp 108TN M10 TOPCon Solar Panel	26	Piece
	TT MPlus 11K 48V MPPT Single Phase Smart Inverter	1	Piece
	TT Modular Series 51.2 V 100Ah LFP Lithium Battery	6	Piece
	LFP Lithium Battery to Inverter 1.5m Power Cable Set	3	Piece
	Parallel LFP Lithium Battery Cable Set	5	Piece
	Battery to Battery Communication Cable	5	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	TT Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	4	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	75	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	75	Piece

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## 6 Panels (425Wp) 3.6kWe Off-Grid(24V) Solar Package

### 11.PACKAGE CODE: **OFP-AUO-3.6KWE-24V-6P**

**3.6  
kWe**



**6  
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	11W Energy Saving Lamp & 5W DC 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 1 Hour Per Day	1 A Energy Class Dishwasher on Eco Mode for 1 Hour Per Day	For 4 Hours Excluding Peripherals	1 Pc. 35 Inch LCD LED TV for 12 Hours	4 LED Lamps for 12 Hours 4 Energy Saving Lamps for 12 Hours	1 for 30 Min	2 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-AUO-3.6KWE-24V-6P</b>	TT425Wp x 6	24	10200	3600	11.76	1 x 25.6V 200Ah	5120	4608

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 total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
PanelxString	6x1		
<b>OFP-AUO-3.6KWE-24V-6P</b>	TT 425Wp 108TN M10 TOPCon Solar Panel	6	Piece
	TT 3.6kW-5.12kWh All Under One Power and Storage System	1	Piece
	Paralell LFP Lithium Battery Cable Set	1	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	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. TommaTech GmbH reserves the right to change the specification of product without prior notice.



## 12 Panels (425Wp) 7.2kWe Off-Grid(48V) Solar Package

### 12.PACKAGE CODE: **OFP-AUO-7.2KWE-48V-12P**

**7.2  
kWe**



**12  
Pieces**

### What Can It Power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, 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 Fridge for 24 Hours	1 A Energy Class Washing Machine at 30° C for 2.5 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 2 Hours Per Day	For 12 Hours Excluding Peripherals	1 Pc. 43 Inch LCD LED TV for 12 Hours	6 LED Lamps for 12 Hours 6 Energy Saving Lamps for 12 Hours	1 for 2 Hours	2 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-AUO-7.2KWE-48V-12P</b>	TT425Wp x 12	48	20400	7200	23.52	2 x 51.2V 100Ah	10240	9216

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.

Package Code	Product Description	Quantity	Unit
<b>OFP-AUO-7.2KWE-48V-12P</b>	PanelxString 12x1 TT 425Wp 108TN M10 TOPCon Solar Panel	12	Piece
	TT 7.2kW-10.24kWh All Under One Power and Storage System	1	Piece
	Paralell LFP Lithium Battery Cable Set	2	Piece
	Battery to Battery Communication Cable	2	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	2	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	25	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. TommaTech GmbH reserves the right to change the specification of product without prior notice.

## 22 Panels (425Wp) 11kW Off-Grid(48V) Solar Package

### 13.PACKAGE CODE: **OFP-AUO-11KWE-48V-22P**

**11  
kWe**



**22  
Pieces**

### What Can It Power?

With this system, which is easy to install, you can power your electronic devices such as laptop, television, 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 PACKAGEv	Fridge	Washing Machine	Dishwasher	Laptop	TV	11W Energy Saving Lamp & 5W DC Lamp	Vacuum Cleaner	Mobile Phone Charging Toy Charging Mp3, Radio Player Charging
	1 A++ Energy Class Fridge for 24 Hours	1 A Energy Class Washing Machine at 30°C for 4 Hours Per Day	1 A Energy Class Dishwasher on Eco Mode for 4 Hours Per Day	For 12 Hours Excluding Peripherals	1 Pc. 60 Inch LCD LED TV for 12 Hours	8 LED Lamps for 12 Hours 8 Energy Saving Lamps for 12 Hours	1 for 3 Hours	4 of Each Device for Unlimited Time

PACKAGE CODE	USED SOLAR PANEL (Pcs)	SYSTEM VOLTAGE (V)	AVERAGE ENERGY PRODUCTION PER DAY (Wp)	INVERTER CAPACITY (W)	USED PANEL AREA (m²)	USED LITHIUM BATTERY (V/Ah)	ENERGY STORAGE CAPACITY (Wh)	AVAILABLE POWER (Wh)
<b>OFP-AUO-11KWE-48V-22P</b>	TT425Wp x 14	48	23800	11000	27.44	3 x 51.2V 100Ah	15360	13824

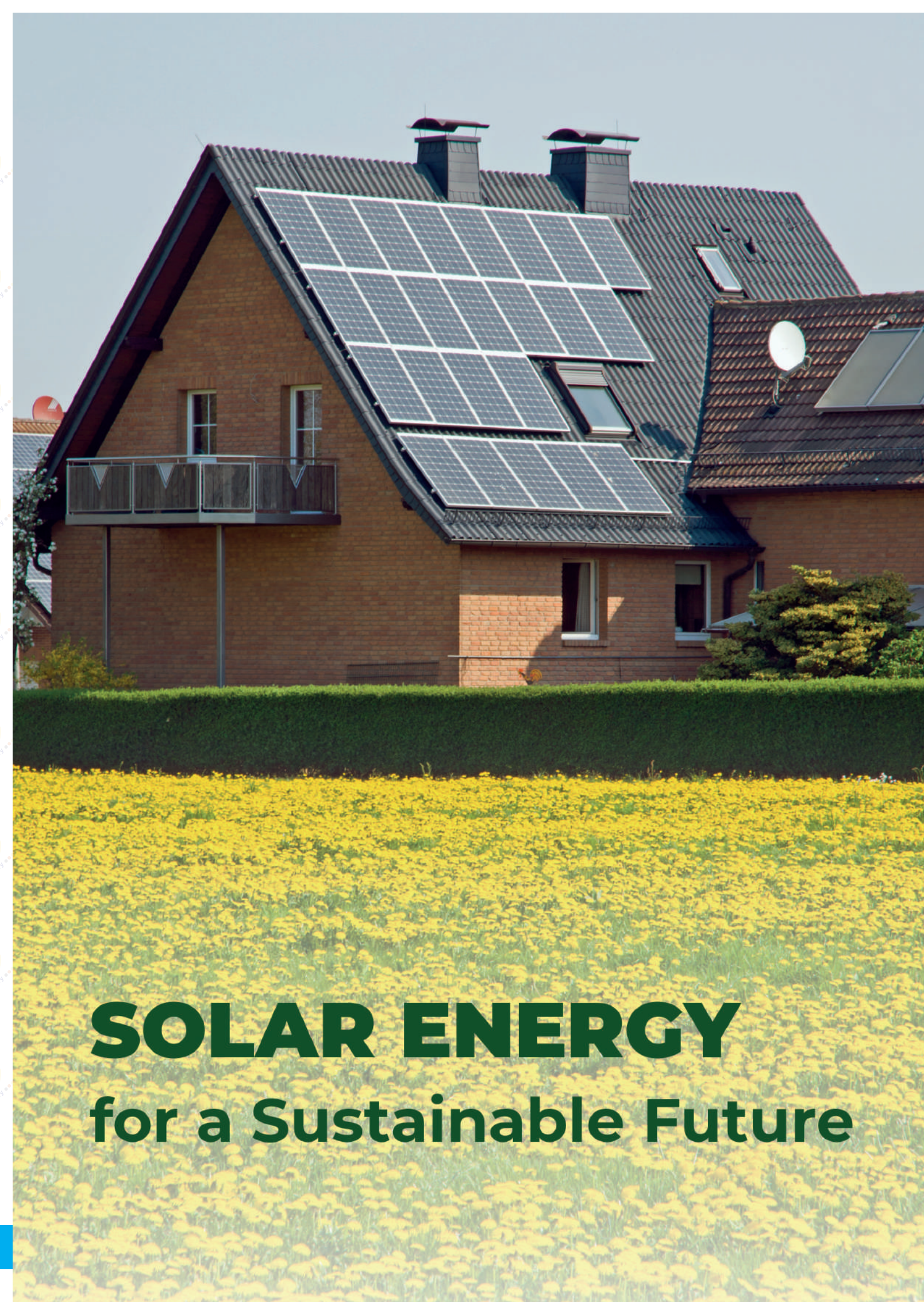
Note: The usage times and generation values mentioned above have been calculated by taking the annual average sunshine duration (4 hours per day) for Türkiye as an example. The total generated energy per day may vary depending on weather conditions and regions.

\* LFP Battery D.O.D value is based on 90%.

Package Code	Product Description	Quantity	Unit
PanelxString	11x2		
<b>OFP-AUO-11KWE-48V-22P</b>	TT 425Wp 108TN M10 TOPCon Solar Panel	22	Piece
	TT 11kW-15.36kWh All Under One Power and Storage System	1	Piece
	Paralell LFP Lithium Battery Cable Set	3	Piece
	Battery to Battery Communication Cable	3	Piece
	Battery to Inverter Communication Cable	1	Piece
	NYAF 1.5 Meter Battery Grounding Cable	1	Piece
	Battery Metal Base	1	Piece
	SMC4-MC4 Female-Male Connector Set	4	Piece
	DC Black 1 Meter (6.00 mm²-Cross Section) Solar Cable	75	Piece
	DC Red 1 Meter (6.00 mm²-Cross Section) Solar Cable	75	Piece

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# **SOLAR ENERGY**

## **for a Sustainable Future**





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2024

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