

GOON 600w

Portable Power Station

User Manual



Dear Customer

Thank you for choosing Teksan GO ON 600W Portable Power Station. We want your product, manufactured with high quality and technology, to offer you the best efficiency. Therefore, please read this manual and the other documents provided carefully before using the product and keep them as a reference. If you give the product to someone else, hand over the instruction manual with it. Observe all information and warnings in the user manual and follow the instructions.



*For more information:
Simply scan this code
with your smartphone.*

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TEKSAN JENERATÖR ELEKTRİK SANAYİ VE TİCARET A.Ş.

Yenidoğan Mah. Edebali Cad. No:12 34791 Sancaktepe / İSTANBUL

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1. Before You Start

1. Please completely read the user manual before using this product. TEKSAN will not be liable for any damage to products, personal property, or serious personal injury due to misuse.
2. Do not use incompatible components or replace components in anyway without following the instructions provided with TEKSAN spare part. Otherwise, you may not receive after-sales service from TEKSAN under the warranty conditions.
3. Before assembly, installation or use, it is necessary to read and follow all instructions and warnings in the user manual for the correct use of the product to prevent damage or serious injury.
4. This manual contains safety, operation and maintenance instructions. Images and specifications are provided for reference only and are based on the actual product.

2. General Safety

WARNING - When using this product, basic precautions must always be observed, including the following:

Read all instructions before using the product

1. Close supervision is necessary when the product is used near children to reduce the risk of injury.
2. Do not put your fingers or hands inside the product.
3. Do not expose the product to rain or snow.
4. Using a power supply or charger not recommended or sold by the manufacturer of the product may result in a risk of fire or personal injury.

- 5. Do not use a damaged or modified product. Damaged or replaced batteries can cause unforeseen events to occur resulting in fire, explosion or risk of injury.**
- 6. Do not disassemble the product. If the product requires service or repair, take it to an authorized service. Improper reassembly may result in a risk of fire or injury.**
- 7. Ensure that servicing is carried out by qualified repair after sales staff using only original TEKSAN spare parts this will ensure that the safety of the product is maintained.**
- 8. Turn off the product when not in use.**
- 9. Store the product in a cool and dry place.**
- 10. Do not store the product in a hot or humid environment.**
- 11. Operating temperature should be in the range of -10°C and 40°C.**
- 12. If the product will not be used for a long time, you should charge it every three months.**
- 13. When charging a product; you may feel that the product is hot, this is a normal operating condition and there is no need to worry.**
- 14. Under normal conditions, battery performance declines over several years.**
- 15. Do not clean the product using noxious chemicals or detergents.**
- 16. Improper handling, dropping or power overload may cause damage to the product.**
- 17. When disposing of secondary cells or batteries, keep cells or batteries with different electrochemical systems separate from each other.**
- 18. During operation or charging, the fan may generate noise, which is normal for the product. Please refrain from blocking the air intake and exhaust ports located on the sides of the product.**

3. What is in the Box?



Adapter X1



Car Charging
Cable X1



MC4 Solar Charging
Cable X1

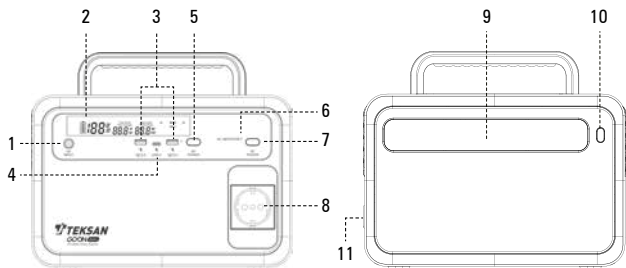


TEKSAN GO ON 600W
Portable Power Station X1



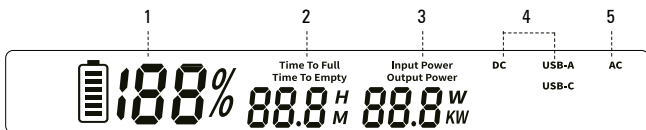
User
Manual X1

4. Product Descriptions



- | | |
|------------------------|----------------------------|
| 1. DC Input | 7. AC Power Switch |
| 2. Display | 8. AC Power Socket |
| 3. QC3.0 Output | 9. LED Lighting |
| 4. USB-C Output | 10. LED Lighting Button |
| 5. DC/USB Power Switch | 11. Car Output Port 12V DC |
| 6. AC Power Indicator | |

5. LED Display Symbols and Explanations



LED Display Descriptions

100% Battery Level
(% symbol flashes when charging)

Time To Full
Time To Empty
88.8^H_M Remaining full charge time or remaining usage time

88.8^W_{KW} Input/Output Power

**DC
USB-A
USB-C** Symbols of the DC output section:
When the DC/USB power button is pressed, the symbols (DC, USB - A, USB - C) are always on.

AC AC Power Output

6. Operation

1. AC Power Switch

Press the AC power button for one second to energize the AC power output. When the AC power output is energized, the AC power indicator symbol lights up on the display screen. To de-energize the AC power output; simply short press the AC power button. The AC power indicator light turns off after this operation.

2. DC Power Switch

To energize the DC power output; press the DC power button for a second. When the DC power output is energized, the DC power indicator symbol lights up on the display screen. To de-energize the DC power output; simply short press the DC power button. After this operation, the DC power indicator light turns off.

(DC power button controls USB-A, USB-C and 12VDC cigarette lighter output).

3. LED Lighting

To turn on the LED Lighting, first press the DC button, then press the LED Lighting button. The LED Lighting has three modes and the switching sequence is as follows: sleep light mode, illumination mode and SOS alarm light status.

4. Sleep Function

USB - A, USB - C, LED Lighting and 12 VDC output (cigarette lighter output) interface are automatically shut off and enter sleep mode after 3 minutes when there is no load or the power is lower than 1W. The AC output interface is automatically shut off and enter sleep mode for 8 hours after 3 minutes when there is no load or the power is lower than 8W. Operation method: After turning on the DC power switch, press the LED button on one hand while pressing the DC power button on the other hand, and immediately release the LED button and DC power button, the SLP ON symbol will light up on the screen for 5 seconds, which means the sleep function is turned on. In the same operation, the SLP OFF graphic is displayed. The symbol lights up for five seconds during shutdown of the sleep function.

5. AC Power Output

- a. Press and hold the AC switch to switch to AC mode. To power the unit, insert the AC power plug into the product's power output.
- b. The rated output power of the AC power port of this product is 600W, and the power of electrical appliances at the output end must be less than or equal to the rated power. The product fan is automatically activated during charging and discharging.

6. DC Cigarette Lighter Output

The rated output power of the DC cigarette lighter port is 120W and the electrical power at the output end must be equal to or less than the rated power.

7. Protection Mode:

TEKSAN GO ON 600W automatically alarms in case of short circuit or overload in an external device. In this case, the output device must be unplugged and the TEKSAN GO ON 600W must be restarted.

7. Charge



AC Charging Input

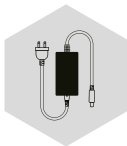


PV Charging Input



Car Charging Input



AC Charging

Plug it into a standard wall output using the AC adapter of TEKSAN GO ON 600W and start charging. When the charging progress is 100% and remains constant, the product is fully charged. Once the product is fully charged, unplug the AC adapter. This process takes about 5-6 hours.

PV Charging

1. Place the TEKSAN GO ON Solar Panel under direct sunlight.
2. TEKSAN GO ON 600W can be charged by connecting to the solar panel. When the charging progress is 100% and remains constant, the product is fully charged.
3. Solar charging performance can vary greatly depending on the weather, ambient temperature, sunlight intensity, the angle of the solar panel in respect to the sun as well as other factors.

Car Charging

1. Plug the supplied car charging cable into the cigarette lighter socket and start the vehicle. You can charge your product with 12V and maximum 8A charging current. When the charging progress is 100% and remains constant, the product is fully charged.
2. When the product is fully charged, disconnect the car charging cable from the product and the car.

8. Discharge



Smartphone (10Wh)
About 40-45 times



Laptop (41.4Wh)
About 10-11 times



Drone (89.2Wh)
About 5-6 times



Led Bulb (20W)
Approximately 20-23 Hours



TV (75W)
Approximately 6-7 Hours



Electronic Hand Tools (40W)
Approximately 11-12 Hours



Mini Refrigerator (40W) Approximately 11-12 Hours



Slow Cooker (200W) Approximately 2-3 Hours

9. Specifications

Model	TEKSAN GO ON 600W
Capacity	576Wh (12.8V=45Ah)
Output Waveform	Pure Sine Wave
Input	AC Input: 27V=4.5A (120W Max.)
	Solar Panel Input: 12-29V (8A Max.)
	Car Charging Input: 12V=10A (Max.)
Output	AC Output: 220-240V 50Hz
	Rated Power: 600W
	DC Output*1: 12V=10A (120W Max.)
	QC 3.0 *2: 5V=3A/9V=2A/12V=1.5A (18W Max.)
	USB-C *1: 5V = 3A/9V = 3A/12V = 3A, 15V = 3A/20V = 3A (60W Max.)
Cell Type	LiFeP04 Battery
Cycle Life	3500+
Charge Operating Temperature	0°C/40°C
Discharge Operating Temperature	-10°C/40°C
Storage Temperature	-10°C/40°C
Protection	Temperature Control, Overvoltage Protection, Short Circuit Protection, etc.
Dimensions	298 x 174 x 197mm
Weight	6.7 Kg

10. Important Notes

1. Product Fails to Supply Power

- a. Please make sure that the AC power switch or DC power switch is turned on. (If the ambient temperature is not in the range of -10°C - 40°C , the product may not have power output).
- b. When connecting the power plug of electrical equipment to the product, be sure to insert the plug securely. If there is water or foreign matter on the charging cable or charging input socket, please clean it.
- c. Please observe the battery indicator light. If the battery indicator light blinks, it means you need to charge the product.
- d. Please check whether the voltage and power rating of the equipment you are charging is higher than the output power rating of this product .
- e. If the upper limit value is exceeded, short circuit protection, overcharge protection, overcurrent protection, discharge protection, temperature protection, overload protection, etc. are activated and the product will automatically shut down. Please check whether the protective circuit is normal.

2. What is the Capacity of 576Wh?

“Wh” refers to the energy consumed. 576Wh means that the product can power a 576W appliance for one hour. Of course, it is capable of supplying power to a device consuming 100W of power for 5.7 hours (this is a theoretical value, the actual usage time will be reduced by 10-15% due to heat loss and power conversion loss).

Please note that the actual available Wh value is approximately 85%-90% due to 10%-15% discharge loss during use.

10. Terms of Warranty

This warranty undertakes to repair the product free of charge under the conditions set out in the following terms.

Please read the warranty document carefully and keep it in a safe place.

1. The warranty period starts from the invoice date of the product and is 1 year.

2. Provided that the product is used as shown in the product identification and user manual and has not been serviced, repaired or otherwise interfered with by persons other than authorized after sales staff of Teksan Generator A.Ş., it gives warranty for the whole product including all of its parts against material, workmanship and production defects for the period specified above from the invoice date of the product.

3. In the event that it is understood that the product is defective;

- a.** Rescission of the contract,
- b.** Request for free repair,
- c.** Request for a discount on the sale price,
- d.** Request for the replacement of the sold product with a defectfree equivalent

4. If the consumer chooses the right to free repair from these rights, the seller shall be obliged to repair or have the product repaired without any charge under labor cost, replacement part cost or any other name whatsoever. The consumer may also exercise the right to free repair against the manufacturer or importer. The seller, manufacturer and importer are jointly and severally liable for the exercise of this right by the consumer.

- 5.** If the consumer exercises the right to free repair, and;
- The same malfunction recurs within the warranty period,
 - The maximum time required for repair is exceeded, or
 - A report is issued by the authorized service station, seller, manufacturer or importer indicating that it is irreparable;

The consumer may demand from the seller the return of the product, the price discount in proportion to the defect or, if possible, the replacement of the product with a defect-free equivalent.

The seller may not refuse the consumer's request. If this request is not fulfilled, the seller, manufacturer and importer shall be jointly and severally liable.

6. The maximum repair period of the product shall not exceed 20 business days during the service time as specified in the relevant legislation. This period starts on the date of notification of the product failure to the authorized service station or the seller within the warranty period, or from the date of delivery of the product to the authorized service station outside the warranty period. If the failure of the product under warranty is not repaired in 20 business days, the manufacturer or importer shall have to allocate another product with similar features to the consumer until the repair of the product is completed. Manufacturers or importers are released from this obligation if another product with similar characteristics is not desired by the consumer. If the product fails within the warranty period, the time spent in repair shall be added to the warranty period.

7. Damages and malfunctions arising from the use of the product contrary to the user manual are not covered by the warranty. Under the following contrary conditions, warranty support shall not be provided

- a.** Malfunction or damage caused by failure to observe the precautionary measures described in the user manual.
- b.** Failure or damage caused by improper storage and handling (complete discharge of the batteries, not fully charged every 3 months when not in use).
- c.** Failure or damage caused by using an adapter other than the power adapter supplied with the product.
- d.** Failure or damage caused by improper repair, disassembly or modification of the product outside authorized service.
- e.** Failure or damage caused by dropping, vibration, water leakage, condensation or similar reasons after purchase.
- f.** Failures or damages caused by other natural disasters such as fire, earthquake, flood.
- g.** Any change in appearance or discoloration caused by use or ambient conditions.
- h.** Failure or damage caused by use at temperatures other than the declared operating temperature.

8. In the case of disputes that may arise regarding the exercise of rights arising from the warranty, the consumer may apply to the Consumer Arbitration Committee or the Consumer Court in the place of residence or in the place where the consumer transaction is made.

9. In the case that this Warranty Certificate is not provided by the Seller, the consumer may apply to the General Directorate of Consumer Protection and Market Surveillance affiliated with the Ministry of Trade.

- 10.** To receive product repair service under warranty, please send the warranty card and product invoice together with the product.
- 11.** The customer is responsible for delivering the product to Teksan Service Centers (Regional Offices) for repair service under warranty and taking it back after repair.
- 12.** There is no warranty for collateral damage resulting from the failure of this product. We are not responsible for any malfunction or damage to other equipment caused by the use of this product.
- 13.** This manual applies only in the case of the sale of this product and the company reserves the right of final interpretation.
- 14.** This manual will not be republished, so you are advised to keep it in a safe place.

Manufacturer's or Importer Company's:		Product's	
Trade Name:	TEKSAN JENERATÖR ELEKTRİK SANAYİ VE TİC. A.Ş.	Brand:	TEKSAN
Address:	Yenidoğan Mah. Edebali Cd. No: 12 PK:34791 Sancaktepe / İSTANBUL	Type:	Portable Power Station
Tel:	+90 850 281 90 00	Model:	GO ON 600W
Fax:	+90 216 312 69 09	Banderole and Serial No:	.....
web adresi:	www.teksan.com	Warranty Period:	1 YEAR
		Maximum Repair Time:	20 business days

GENERAL MANAGER

**TEKSAN**

ASSISTANT GENERAL MANAGER

**Seller's:**

Trade Name:	.....	Invoice Date and Number	.....
Address:	.....	Delivery Date and Place:	.....
.....		Authorized person's signature:	
Tel No:	.....	Company Seal	
Fax:	.....	
e-mail:	.....	

This section shall be signed and sealed by the Authorized Dealer you purchased the product from.

If you purchased the product from our online shop, you must provide proof of the date of purchase, such as a screenshot of the invoice, order number or order history for this warranty card. Otherwise, the warranty shall be void.

11. Contact Us

This product is globally warranted for 12 MONTHS from the date of purchase. To ask a QUESTION or SUGGESTION about this product, please info@teksan.com or contact the most convenient service provider in the service list below. You can contact our nearest service center.

Our friendly customer service staff will always be there to help you and is ready to provide you with answers that will satisfy you.

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