

MobileGrid Solar Generator 600-1500

1. Portable Power Unit Packing list

No.	Product	Quantity(pcs)	Check
1	Power Unit	1	√
2	AC adapter (including AC charging cable)	1	√
3	MC4 Solar charging cable (MC4 to xt90)	1	√
4	Car charging cable (car to xt90)	1	√
5	Xt90 to aviation plug (input)	1	√
6	12V / 25A aviation plug to XT60 (output)	1	√
7	12V / 25A XT60 to spc45 (output)	1	√
8	User manual	1	√
9	Warranty card	1	√
10	Certificate	1	√

Standard(accessories included)



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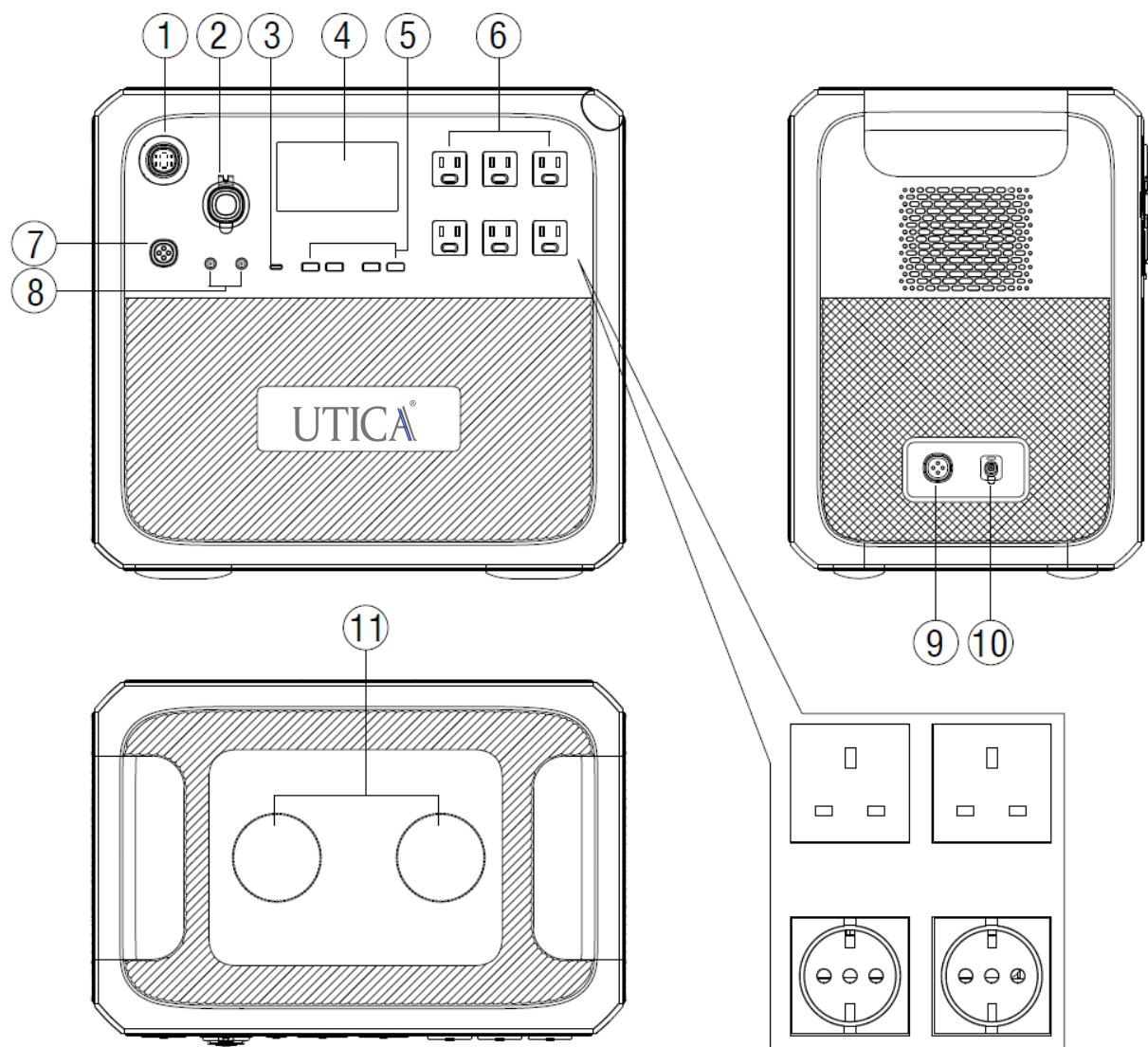
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The picture is for reference only, take the object for standard.

2. Function Introduction



1. Power button

2. 12V / 10A cigarette lighter port

3. Type-C charging port

4. Touchable interaction LCD display

5. USB output x 4pcs

6. US AC output x 6pcs

(EU/UK AC output x 2PCS)

7. 12V / 25A output

8. 12V / 3A output

9. PV / car input port

10. AC adapter input port

11. Wireless charging x 2pcs (supporting Qi protocol charging)

Note:

AC stands for alternating current.

DC stands for direct current.

PV stands for solar energy.

Car stands for automobile electric energy.

3. Specification

Output		
AC Output	Rated output power	2000W
	Low rated voltage	100-120Vac
	High rated voltage	220-240Vac
	Peak current ratio	3:1Min (RCD load)
	THD	< 5%
	Efficiency	> 88% (R load)
	Overload capacity	2000W<load<2500W,2min; 2500W<load, immediately
	Short circuit protection	yes
	Over temperature protection	yes
	Noise	load<1500W,Max.45dB; load>1500W,Max.54dB
DC12V/25A	Rated voltage	12V
	Rated current	25A
	Overload power	330W<load, 2S
	Short circuit protection	yes
DC12V/10A output	Rated voltage	12V
	Rated current	10A
	Overload power	>120W,2s
	Short circuit protection	yes
DC12V/3A output	Rated voltage	12V
	Rated current	3A
	Overload power	>40W, 2S
	Short circuit protection	Yes
USB Output	Rated voltage	5V
	Maximum current	3A
	Short circuit protection	Yes
Type-C Output	Fast charging type	PD2.0 (60W Max)
	Rated output	5V/3A, 9V/3A ,12V/3A ,15V/3A , 20V/3A
	Short-circuit protection	Yes
Wireless charging	standard	Qi
	power	15W x 2

Input		
AC charging	input voltage	100-240VAC
	Maximum charging voltage	58.8 VDC
	Maximum charging power	500W
Car input	input voltage	11.5V-14.4V/23V-28.8V
	Input current	8.2A
Solar panel	input voltage	35V-150V
	Input current	12A (only 12A will be received When the current exceeds 12A)
	Input maximum power	700W
Remarks: 1. PV charging has automatic activation charging function (plug and play): when PV is connected with the product, it will automatically activate the device for charging as long as the sun has energy; if you do not want this function, please unplug the PV charging head after full charge. 2. It supports charging while discharging, and does not support UPS function.		
Battery Pack		
Rated capacity		1700Wh, 33.1Ah
Voltage		42V-58.8V
Short circuit protection		yes
Output overcurrent protection		70A
Discharge high temperature protection		65℃
Recovery of discharge high temperature protection		55℃
Charging high temperature protection		55℃
Charging high temperature protection recovery		45℃
Charging low temperature protection		0℃
product		
Product size		420 x 280 x 386mm
Net weight		26Kg
Working environment temperature		0℃-40℃
Storage ambient temperature		-10℃-45℃
Working environment humidity		10-90%