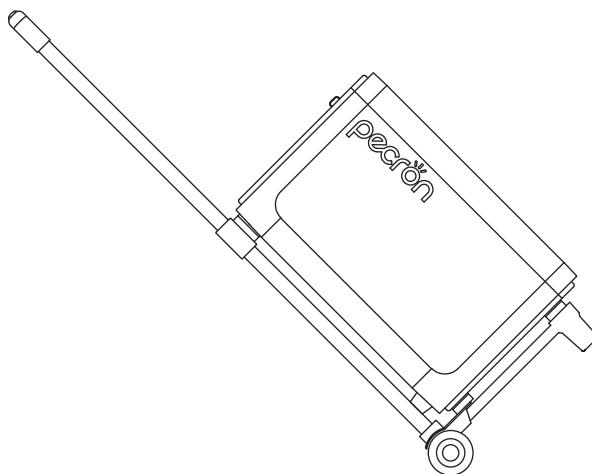


尺寸: 160*140mm

材质: 105G 双铜, 文档颜色PANTONE 2013U 骑马钉16P

pecron

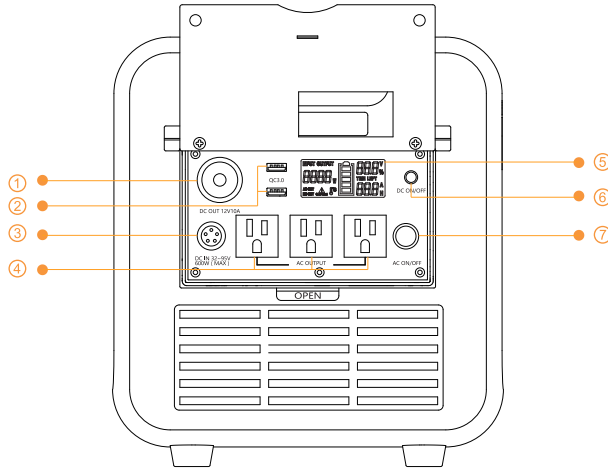
Q3000S USER MANUAL



Please read the user manual thoroughly before using

..... support@pecron.com

FUNCTION INTRODUCTION



① DC12V Auxiliary Output

② USB-A Ports

③ DC Input 32V~95V






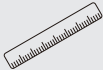

④ AC 100V~120V Output

⑤ LCD Display




⑥ DC 12V/USB Switch

⑦ AC 100V~120V Switch



SPECIFICATIONS

						
Capacity	Battery Type	Charging Time	Protections	Temperature	Dimension	Net Weight
3024Wh (25.2V120Ah)	Lithium-ion(NCM) 1000CycleLife>80%	3.5H~4H to 80% 5.5H to100%	Over-Voltage, Overheat, Overload, Short-Circuit, Self-Recovery	0°C~45°C/32°F~113°F (Charging) -20°C~-45°C/-4°F~-113°F (Discharging)	L15.7*W9.6*H10.7 in L400*W245*H272 mm	Around 59.1lb Around 26.8Kg

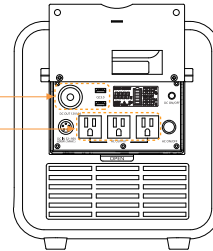
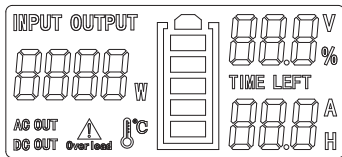
OUTPUT SPECS

		
AC Out*3	USB-A*2	Cigar Port*1
Pure sine wave 110V 60Hz Rated 2000W	5V-2A*1 (5V,9V,12V, Max 18W)*1	DC 12V-10A

INPUT SPECS

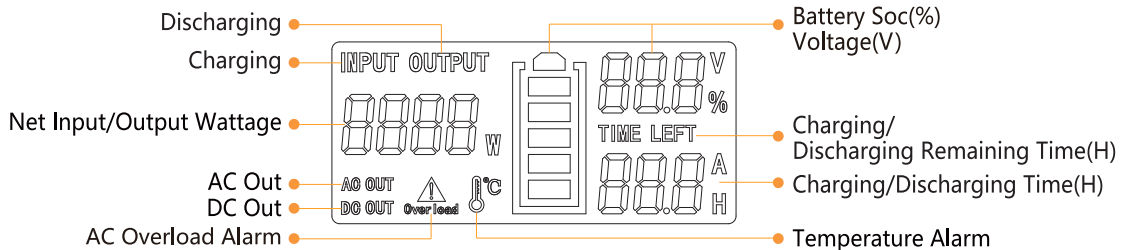
	
GX16MF	Car Charger
DC Charging(32V~95V) Max 600W	36V100W

HOW TO USE THE Q3000S



- press and hold to turn on / off DC / USB
- ⦿ press and hold to turn on / off AC (Please turn off the AC function if there is no AC load on the unit)

LCD SMART DISPLAY



Temperature Alarm Icon

Q3000S can power your devices at temperatures ranging from -20~45°C.
If your working temperature is more than 45°C, the temperature alarm will flash, the unit may stop working.



AC Overload Alarm Icon

Q3000S can power most devices with power consumption less than 2000 watts.
If your device is more than 2000W, the AC overload alarm will flash, the power supply will stop working.

PACKING LIST



Pecron Q3000S*1



AC Charger*1



MC4 Solar Charging Cable(LSMC4-5GX16)*1

RECHARGE TIME



Wall Charger

Around 5.5Hours



Electric Generator

Around 5.5Hours



Car Charger

Around 28Hours

SOLAR CHARGE TIME



pecron 200W



MC4 Solar Charging Cable

200W(×1)

Recommended ★★★

16~20 Hours

400W(×2)

Recommended ★★★★★

In Series or Parallel

8~10 Hours

600W(×3)

Recommended ★★★★★

In Parallel ONLY

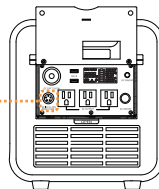
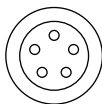
6~8 Hours

The solar charging time depends on weather conditions.Q3000S has a built-in MPPT charge controller that supports 32~95V, 15A PV charging up to 600W.

USING SOLAR PANELS TO CHARGE THE Q3000S

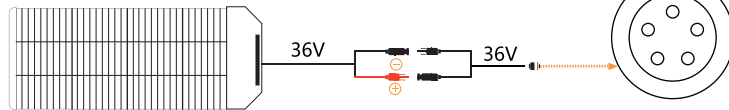
- 1. GX16MF-5 Charging Port:** PV(operating voltage) range 32V~95V, 600W maximum; VOC(open circuit voltage) of solar panel/array must be than 95V, otherwise, it will damage the unit! **Do not wire more than two 36V(AKA 24V) solar panels in series.** (36V stands for V_{mp} , the operating voltage, of the solar panel)
2. If you have any questions, Please feel free to contact us: support@pecron.com

GX16MF-5 Charging Port:
PV32~95V-600W Maximum Input



USING SOLAR PANELS TO CHARGE THE Q3000S

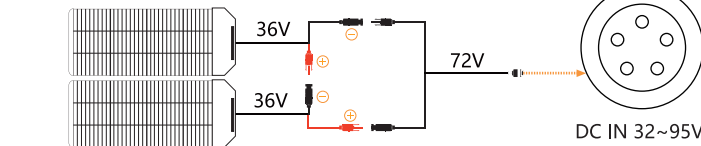
Using the pecron 200W /36V*1 (200W) to charge the Q3000S



pecron 200W*1 MC4 Solar Charging Cable*1 DC IN 32~95V
600W (MAX)

※ 36V is the operating voltage of the solar panels

Using the pecron 200W /36V*2 (400W) to charge the Q3000S



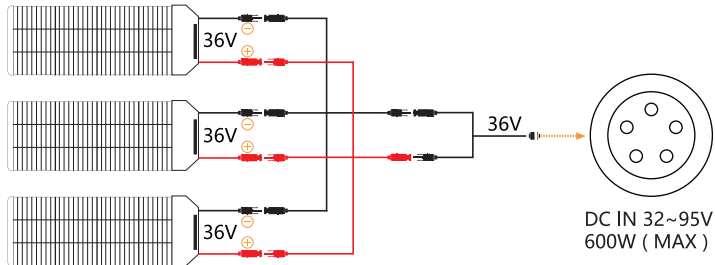
pecron 200W*2 MC4 Solar Charging Cable*1

DC IN 32~95V
600W (MAX)

※ 36V is the operating voltage of the solar panels

USING SOLAR PANELS TO CHARGE THE Q3000S

Using the pecron 200W /36V*3 (600W) to charge the Q3000S



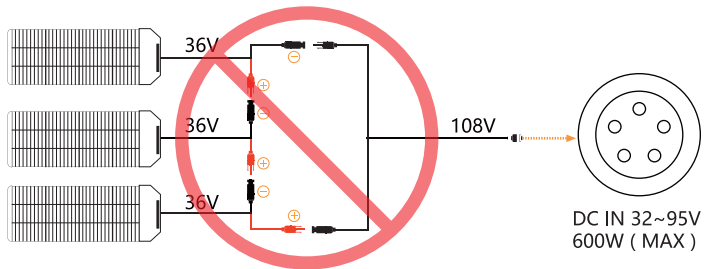
pecron 200W*3 MC4 Solar Charging Cable*1

Y Branch MC4 Charging Cable(+)*1

Y Branch MC4 Charging Cable(-)*1

(NOTE: This parallel charging cable sold separately)

DO NOT wire three solar panels in series!



※ PV(GX16MF-5) Port Only work within 32V~95V Open Circuit voltage,exceeding 95V will damage the machine.

FAQS

Q1: What kind of battery is used in Q3000S? How long it can last?

A: Q3000S utilizes high quality UL certified automotive battery cell, it can retain 80% efficiency after 1000 complete charge cycles.

Q2: What devices can Q3000S power?

A: Q3000S can power most devices with power consumption less than 2000 watts.

Q3: Can the Q3000S be used as UPS?

A: The UPS function is not supported.

Q4: Can the Q3000S be charged while discharging?

A: Yes, Q3000S can run devices while it is being charged. The battery will eventually run out if the discharging is greater than the charging during the pass through charging.

Q5: How to calculate the Q3000S running time?

A: Running Time=Total Capacity(3024Wh) * 0.85 (Depth of Discharge)/Loading Power(Watts)

Q6: Can I use the Q3000S indoors and charge the Q3000S indoors?

A: Yes, the Q3000S is safe to use indoors.

Q7: Does Q3000S have built-in MPPT controller?

A: Yes, there are one built-in 600W (PV 32V~95V) MPPT charge controller with maximum Voc(Open Circuit Voltage) 95V.

Q8: What kind of maintenance does Q3000S require?

A: Charging Q3000S in time when the battery running low; And please charge it at least once for every six months even if it is not being used.

Q9: How to store the Q3000S?

A: Do not store, charge or use Q3000S near heat sources, or in an area exposed to flammable or corrosive gas; Do not immerse in water. Keep away from liquids and store it in a cool and dry place.

DISCLAIMER

Please read the user manual thoroughly before using this product, and keep this manual in a safe place for future reference. Failure to follow the instructions for proper set up, use, and care for the device can increase the risk of serious personal injury, death, or property damage. Once you use this device, you are deemed to have understood, recognized and accepted all terms and contents of this document. The user shall be responsible for his own actions and all consequences arising from failure to use the device in accordance with the “User Manual” , or as authorized in Pecron's current product literature. In compliance with laws and regulations, Pecron reserves all rights for final explanation, and to change these terms and conditions at any time without prior notice. In the event that any revisions are made, the revised terms and conditions shall be posted on our website immediately, please visit our website to inform yourself of any changes.

WARNING

- 1、 Do not place the device near heat source, such as a fire or a heating furnace.
- 2、 Do not immerse in any liquid, or expose the unit to rain or wet conditions.
- 3、 Do not use the battery in a strong static electricity or electromagnetic environment.
- 4、 Do not disassemble or puncture the product with sharp objects in any way.
- 5、 Short circuits can be caused by: vermin or pests chewing through wires; water or other fluids coming into contact with electrical wiring.
- 6、 Do not use accessories or parts other than those provided by Pecron. Please visit our website www.pecron.com or reach our support team for a complete list of accessories and parts.
- 7、 When using this product, please strictly follow the ambient temperature for use in the user manual. If the temperature is too high, the battery can potentially result in self-combustion and will burst into flames, which can cause widespread damage. If the temperature is too low, the performance of the battery will be seriously degraded, and it may even fail to meet the normal use requirements.
- 8、 Do not stack heavy objects on this product.
- 9、 Do not block the air vents during use, or leave the device in a non-ventilated or dusty space.

- 10、 Please avoid impacts, fall off, and violent vibration. Please turn off the device immediately and stop using it in the event of major exterior impact. Please fasten the unit firmly during transportation to avoid vibration and impact.
- 11、 In the event of immersing the device into the water accidentally, please place the unit in a safe open area and keep away from the unit until it is completely dry. The dried unit should not be reused and should be disposed of properly according to the local regulation. If the device catches fire, use the fire extinguishing equipment in the following recommended order: water or mist, sand, fire blanket, dry chemical, carbon dioxide fire extinguisher.
- 12、 Please wipe it with a dry cloth to clean the surface of the device.
- 13、 Please place this device with care to prevent the product from being damaged due to fall off. If the product is damaged due to fall off, please turn off the unit immediately and place it in an open area, keep away from combustibles and crowds, and dispose of in accordance with local laws and regulations.
- 14、 Please store this device in a place out of reach of children and pets.

DISPOSAL

- 1、 When conditions permit, please be sure to completely discharge the battery of this product, and then put the product in the designated battery recycling box. This product contains batteries. Batteries are dangerous chemicals and are strictly prohibited from being disposed of in ordinary trash. For details, please follow local laws and regulations on battery recycling and disposal.
- 2、 If the battery cannot be completely discharged due to the failure of the product itself, please do not dispose of the battery directly in the battery recycling box, and contact a professional battery recycling company for further disposal.
- 3、 The battery will not be able to start after being over-discharged, please dispose of it according to the principle of disposal.

EXCLUSIONS

Pecron's warranty does not apply to:

Misused, abused, modified, damaged by accident, or used for anything other than normal consumer use as authorized in Pecron's current product literature.

CUSTOMER SUPPORT: support@pecron.com

WEBSITE: www.pecron.com

PECRON.LLC



POWER IT POSSIBLE

www.pecron.com

..... support@pecron.com