



01 10+ Years Lifespan with Daily Use

Captain 700 uses the safest and most durable Lithium iron phosphate (LiFePO4) battery instead of Li-ion (NCM) battery in other brands, which allows last 5-7 times longer lifespan (2000+ Cycles to 80% capacity) than others.

80% Capacity



2000+ Cycles to

02 The World's Most Reliable UPS Function

When used as an emergency power source during a blackout, Captain 700 kicks in automatically and provides you with power in 10 milliseconds.



03 The World's Unrivaled Parallel Function

Users can pair 2 units of our Captain 700 with the given cable to get double capacity from 672Wh to 1344Wh and double output power from 700W to 1400W which is more flexible and more convenient for users to switch different using scenarios like from outdoor activities to home backup, making it easily supports high-power devices.



04 1.5 Hours Safety Fast Charge, Do Not Damage the Battery

Captain 700 allows various fast charging methods, such as charge by solar panel (240W), by car (192W) and by AC wall socket (600W). It takes only 1.5 hours to fully charge from 0% to 100%. The Captain 700's safety fast charge design strictly according to its battery specifications to avoid any damage to the batteries.



Portable Solar Generator Captain 700



Light Weight Design, Easy To Go

Smaller size with only 9KG light weight design, makes it more portable.



Up to 240W Solar Fast Charging, Built-in MPPT

The maximum power point tracking (MPPT) system automatically adjusts the charging power and improves efficiency. You can also conveniently use the power station and charge it simultaneously.



Advanced BMS, Safer and More Reliable

The built-in advanced Battery Management System (BMS) with triple monitoring chips to regulate and protect your battery life and your devices.



Unique Wireless Charging

Easily recharge your wireless charging capable devices outdoors when you forget to bring the charging cable.



Multi-output Port Design

Vigorpool Captain 700 fits with every port you'll ever need to power any devices anywhere, so you will always feel right at home.



Control from anywhere

Use the Vigorpool app to control your Captain 700 from anywhere using Wi-Fi. Link with Bluetooth when off-grid. Either way, you can check charging data, customize settings and adjust the charging speed with ease.

Power Your Devices



Phone (10Wh)



Drone 40W



Laptop 60W



Fan (35W)



Refrigerator (360W)



CPAP 40W



Light (12W)



Microwave (700W)



43" TV (110W)



Portable Fridge (45W)



More

General Specifications	Battery Capacity	672Wh (22.4V, 30Ah)
	Output Power	Rated Power 700W(Surge Power 1300W)
	Cell Type	Lithium Iron Phosphate (LiFePO4)(EV Grade A)
	Lifecycle	2000+ charge cycles to 80% capacity
	BMS System	high-temperature protection, low-temperature protection, overdischarge protection, overcharge protection, secondary overcharge protection, overload protection, short circuit protection, overcurrent protection, battery fault protection
	Inverter	Bidirectional Inverter (Pure Sine Wave)
	UPS Switchover time	≤10ms
	Certification Standards	UL, CE, FCC, UKCA, PSE, MIC, RoHS, IEC
	Operating Temperature	-10-40°C (14°F-104°F)
	Material	PC+ABS (fireproof material, UL94V-0 fire rating)
	Weight	About 19.84lbs(About 9KG)
	Size	14.09 *7.56*9.92 in (35.8*19.2*25.2cm)
	Charge Hold Time	1 year (after the battery is fully charged)
	Warranty Period	24 Months
Flashlight	LED	

Input Specifications	AC Input	100V-120V,50Hz/60Hz(220V-240V,50Hz Option), 600W MAX, fully charge in 1.5 Hours
	Solar Input	12V-30V, 240W MAX (Built-in MPPT), fully charge in 3 Hours
	Car Charger Input	12V/24V, 192W MAX, fully charge in 3.5 Hours

Output Specifications	AC Output (x4)	US,JP standard: 100V-120V,50Hz/60Hz, EU,AU,SA,UK standard: AC Output (x2) 220V-240V,50Hz/60Hz, Rated Power 700W(Surge Power 1300W)
	USB-A Output (x2)	5V/3A, 9V/2A, 12V/1.5A, MAX 18W 18W MAX per port, Total 36W
	USB-C Output (x2)	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3A, MAX 60W 60W MAX per port, Total 120W
	Car Port Output	120W MAX
	DC5521 Output (x2)	12V/3A 36W MAX per port, Total 72W
	Wireless Charger	10W MAX
	AC Parallel	1400W

APP	APP Name	VigorPool
	Connection Method	Bluetooth, Wi-Fi

Recommend Accessories		
	Parallel Cable	60W Foldable Solar Panel
	100W Foldable Solar Panel	200W Foldable Solar Panel



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