

FUZHOU CONSSIN LIGHTING CO., LTD

PRODUCT SPECIFICATION

Portable Power Station Model: KPS-0202

1. Product Overview	Product Name	KPS-0202 (EU)
	Short Description	A portable power station suitable for outdoor electrical appliances, compact in size and easy to move.
2. Electrical Parameters	Rated Power	2 kVA
	Overload Capacity	105%~130%, 1Min 130%~200%, 500ms >200%, <200ms
	Standby Power Consumption	23W
	Input Parameter (AC)	230Vac, Max. ≤4.5A, 50/60Hz
	Electrical Protection	Overcurrent, Short Circuit, Overtemperature, Undervoltage protection
3. Battery Information	Battery capacity	2160Wh
	Operating voltage	40-54.3 Vdc
	Charging time	≤ 3 hours (Ambient temperature 25°C)
	Discharging power	≤ 1000W (Reduced power usage) (battery operating temperature -20°C~0°C)
		≤ 2000W (Reduced power usage) (battery operating temperature 0°C~45°C)
	Charging temperature	-20°C ~ +45°C (Ambient temperature, self-heating below 0°C)
	Discharging temperature	-20°C ~ +45°C (Ambient temperature)
	Cycle life	≥ 2000 (25°C, capacity retention ≥ 80%)
4. Mechanical structure & configuration	Housing / Enclosure Material	Plastic
	Output Socket	16A Socket ×2, USB-A ×1, USB-C ×1
	Input Socket	20A Socket ×1, PV Socket ×1
5. Environmental & Durability	Ingress Protection / IP Rating	IP55
	Impact Protection / IK Rating	IK09
	Operating Temperature	-20°C to +45°C

	Storage Temperature	-20°C ~ +45°C (3 months) / -10°C ~ +25°C (6 months)
	Corrosion Resistance	C3M
6. Dimensions, Packaging & Options	Net Weight	37.5 kg
	Dimensions	649×437×452mm
	Package Dimensions	715×495×530mm
	Standard Kit Contents	Host ×1, Power cable ×1, Manual ×1, Photovoltaic cable ×1
	Optional Accessories	Different plugs, Power cords, Customized colors/Logo
	Warranty	2 Years
7. Certifications	Certifications	PSE VCCI

Appearance

