

Spark 1 kWh Portable Power Station

Model

ZT-PESS-A-1k Pro



Lightweight all-round portable power



Reliable power for daily essentials



Fast AC and solar recharging capability



UPS power (500W model)
with ≤ 20 ms transfer time



314Ah high density LFP battery
3000-cycle long lifespan

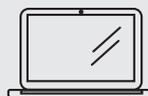


AC full charge:
2+ hours



Solar full charge:
4+ hours

Home essentials backup · Office backup · Mobile work · Outdoor use



Model	ZT-PESS-A-1k Pro
Battery	
Cell Chemistry	LFP
Rated Capacity	1004.8 Wh
Rated Voltage / Capacity	3.2V, 314Ah
Cycle Life	≥3000 cycles @ 80% DOD
BMS Protection	Under-voltage / Over-voltage
Output	
Max AC Output Power	500W
AC Output Ports	220V ×1
USB-C Ports	2 × (12V/1.9A)
USB-A Ports (Qty & Max Power)	1 × (5V/2A)
DC port	DC5521, 12V / 2A
Input	
AC Input	185–230V / 50–60Hz
DC / Solar Input	MPPT, 250W, 10–55V
General	
Net Weight (Approx.)	7–8 kg
Dimensions	280 × 210 × 160 mm
IP Rating	IP22
Operating Temp (Charge / Discharge)	–10°C to 50°C
Operating Humidity	5–97% (Non-condensing)
UPS Function	≤20ms
Display	Indicator LEDs