

# ES80 SERIES

## INTRODUCTION



This product features a dual-battery system (high-energy NCM at 200Wh/kg + long-life LFP with 4000+ cycles) and supports modular expansion (0.5–30kWh). Its portable design suits short trips, while the trolley series includes off-road wheels for rugged terrain. Equipped with intelligent inverter tech, it delivers pure sine wave AC, USB-C/PD fast charging, and DC outputs-compatible with 99 %of devices. With solar + grid + vehicle charging, it enables off-grid energy cycling, providing silent, zero-carbon power for outdoor adventures, emergency prep, and professional use.

## MODELS

Model	Voltage (V)	Power	Capacity (Wh)
ES80-300	12.6	300W	360
ES80-600A	12.6	600W	420
ES80-600B	12.6	600W	600
Common Parameters			
AC Output (x2)	220V 50Hz	Air Port Output/Output (x2)	12V/15A, 120W
XT90 fast charging port (x1)	Support output/input	USB port (x5)	18W
Type-C 3.0 (x1)	18W	Cigarette lighter output (x1)	12V 10A, 120W
Solar photovoltaic charging input port (x1)	maximum support 500W, 18V/30A	Solar photovoltaic charging input port (x2)	maximum support 300W, 18V/15A
LED lighting	5W LED lighting /SOS	On-board vehicle charging	Support
Discharge temperature	-20°C~55°C	Charging temperature	-10°C~40°C
Cycle life	2500+ (depending on use and maintenance)	Inverter type	Pure sine wave