









Technical Specification

Lyra 2500 Pro

Model	Lyra 2500 Pro
Battery	
Capacity	2560Wh
Life Cycle (Times)	6000 Cycles (25°C)
Battery Type	LiFePO4
PV Input	
Input Power	2400W (4*600W)
Input Voltage	16V～60V
Max. Input Current	16A
Number of MPPT	4
AC Input/Output (On Grid)	
Rated Input Power	1500W
Rated Output Power	800W/ 1500W
Max. Input Current	8A
Power Factor	0.8 lagging - 0.8 leading
Backup Port	
Rated Output Power	Single-unit: 1500W；Parallel-unit: 2400W
Peak Output Power	3000W
AC Output Current	Max. 8A
AC Voltage /Frequency	230VAC/ 50Hz
EPS Switching Time	≤10ms
General Parameters	
Communication	Wi-Fi & Bluetooth LE; RS485
Operating Temperature Range	-20°C to +55°C
Ingress Protection	IP65
Dimensions (W × H × D)	260 x 445 x 250mm
Weight	28.5kg
Warranty	10 Years

Get in touch with us: business@conow.com

*Estimated annual savings are based on a Lyra 2500 Pro (2.56 kWh) with 2,000 W PV, assuming an annual PV yield of 2,275 kWh, a grid price of €0.40/kWh, a €0.20/kWh peak/off-peak price difference, 98% solar self-consumption through AI energy management, and approximately 300 battery cycles per year. Actual savings may vary.

*In Germany, the default AC output is limited to 800W. Higher output requires professional installation, please contact **support@conow.com** for help.