

# Batterie di accumulo



## More Usable Energy

100% Depth of Discharge  
Pack Level Energy Optimization



## Flexible Investment

5kWh Modular Design,  
Scalable from 5 to 30kWh



## Safe & Reliable

LFP Cell  
4-layer Safety Protection



## Easy Installation

12 kg Power Module  
50 kg Battery Module



## Quick Commissioning

Automatically Detected in App



## Perfect Compatibility

Compatible to Both Residential  
Single & Three Phase Inverter

# Technical Specification



Performance			
Power module	LUNA2000-5KW-C0		
Number of power modules	1		
Battery module	LUNA2000-5-E0		
Battery module energy	5kWh		
Number of battery Modules	1	2	3
Battery usable energy1	5kWh	10kWh	15kWh
Max. output power	2.5kW	5kW	5kW
Peak output power	3.5 kW, 10s	7 kW, 10s	7 kW, 10s
Nominal voltage (single phase system)	450V		
Operating voltage range (single phase system)	350 –560V		
Nominal voltage (three phase system)	600V		
Operating voltage range (three phase system)	600 –980V		

Communication	
Display	SOC status indicator, LED indicator
Communication	RS485/CAN (only for parallel operation)

General Specification			
Dimension(W*D*H)	670*150*600mm (26.4*5.9*23.6inch)	670*150*960mm (26.4*5.9*37.8inch)	670*150*1320mm (26.4*5.9*60.0inch)
Weight (Floor stand toolkitincluded)	63.8 kg (140.7lb)	113.8 kg (250.9lb)	163.8 kg (361.1lb)
Power module dimension (W*D*H)	670*150 *240 mm (26.4*5.9*9.4 inch)		
Power module weight	12 kg (26.5lb)		
Battery module dimension (W*D*H)	670*150 *360 mm (26.4*5.9*14.0 inch)		
Battery module weight	50 kg (110.2 lb)2		
Installation	Floor stand (standard), Wall mount (optional)		
Operating temperature	-20 ~+ 55 (-4 ~131 ) 3		
Max. operating altitude	4,000m (13,123ft.)(Derating above 2,000 m)		
Environment	Outdoor4 (*Please refer to the user manual for installationcondition)		
Relative humidity	5%~95%		
Cooling	Natural convection		
Protection rating	IP66		
Noise emission	<29dB		
Cell technology	Lithium-iron phosphate (LiFePO4)		
Scalability	Max. 2 systems in parallel operation		
Compatible inverters	SUN2000-2/3/3.68/4/4.6/5/6KTL-L1, SUN2000-3/4/5/6/8/10KTL-M0 5,SUN2000-3/4/5/6/8/10KTL-M1		

Standard Compliance (more available upon request)	
Certificates	CE ,RCM, CEC, VDE2510-50, IEC62619, IEC60730, UN38.3