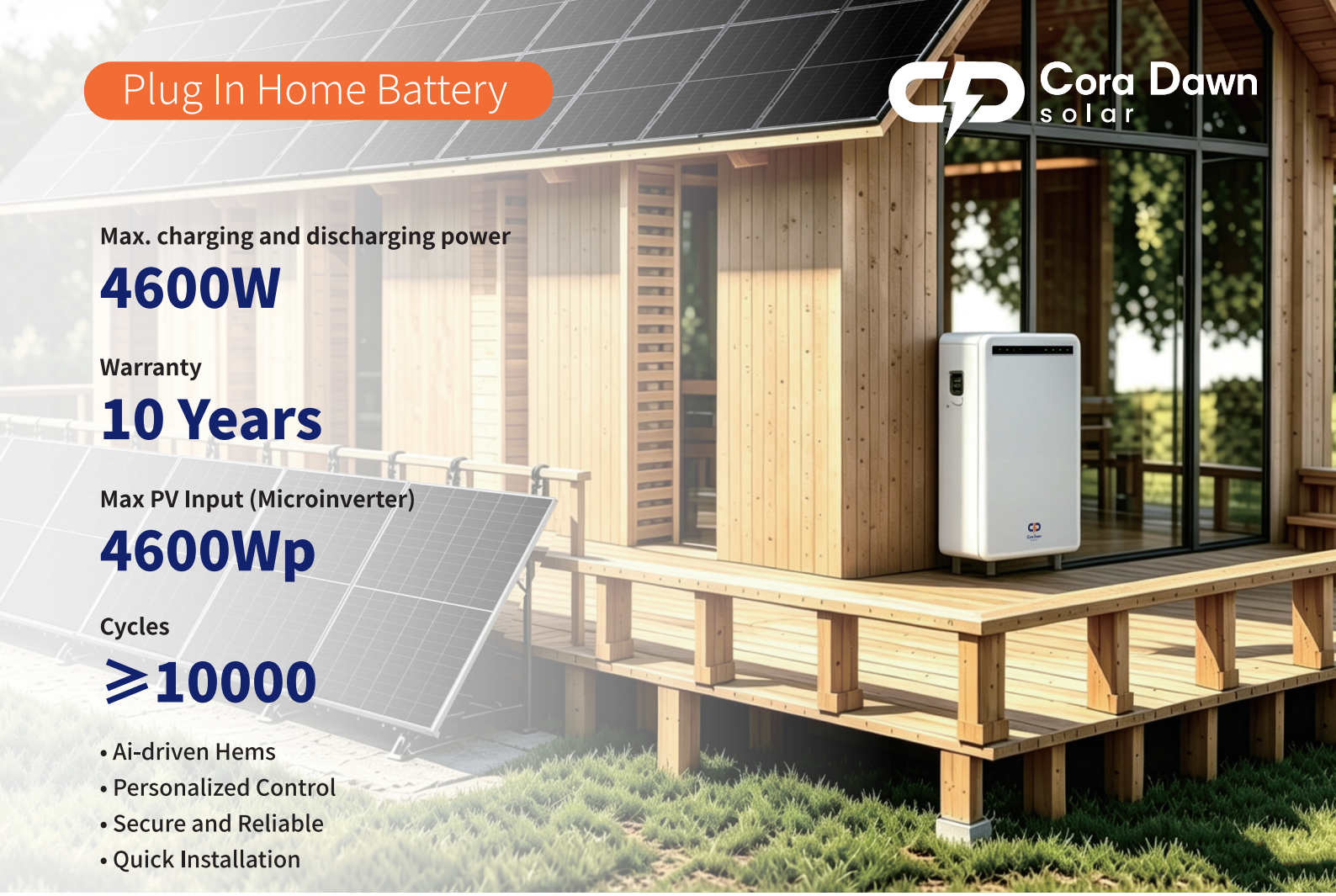
Plug In Home Battery

Cora Dawn solar



Max. charging and discharging power

4600W

Warranty

10 Years

Max PV Input (Microinverter)

4600Wp

Cycles

⩾10000

- Ai-driven Hems
- Personalized Control
- Secure and Reliable
- Quick Installation



Key Features

- AC Coupling Retrofit
  —100% Compatible with All Inverter Brands
- Built-In Off-Grid Output
  —Seamless Backup During Power Cuts
- IP65 Full Protection + -20°C to 55°C Wide-Temperature Range
  — Built for Harsh, Dusty, High-Heat Environments
- LiFePO4 Long-Life Battery
  — 10,000 Cycles + 10-Year Warranty
- AI-Powered Energy Management + Smart Meter Integration
  — Maximizing Self-Consumption and ROI

IP65 **BMS** **Aerosol**

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19F, C&D International Building, No.1699 Huandao East Road, Siming District,Xiamen City, Fujian Province,China
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Plug In Home Battery

Technical Parameters





Model	S5000 AC	S10000 AC	S16000 AC
BATTERY DATA			
Rechargeable Li-ion Battery		$LiFePO_4$	
Battery Nominal Voltage		51.2V	
Max Charging / Discharging Current		200A	
Rated Power (Single Device)	2500W	3500W	4600W
Cycles		⩾ 10000 cycles 70%SOH (0.5C)	
Battery Depth of Discharge (DOD)		90%	
Rated Energy	5000Wh	10000Wh	16000Wh
AC INPUT (ON-GRID TERMINAL)			
Max AC Input Power	2500W	3500W	4600W
AC Nominal Input Voltage		L + N + PE, 220VAC / 230VAC, 50Hz	
AC OUTPUT (ON GRID TERMINAL)			
Max AC Output Power	2500W	3500W	4600W
AC Nominal Output Voltage		L+ N + PE, 220VAC / 230VAC, 50Hz	
Max AC Output apparent power	2500VA	3500VA	4600VA
AC OUTPUT (OFF GRID TERMINAL)			
Max AC Output Power	2500W	3500W	4600W
Max AC Input Power (AC Coupled)	2500W	3500W	4600W
Max AC Bypass Output Power	2500W	3500W	4600W
AC Nominal Output Voltage		L + N + PE, 220VAC / 230VAC, 50Hz	
GENERAL DATA			
Protective Class		Class I	
Operating Temperature Range		-20°C to 55°C	
Ingress Protection		IP65	
Net Weight	45kg	85kg	130kg
Dimensions (WxHxD)	500x550x250mm	500x700x250mm	500x900x250mm
Overvoltage / Overcurrent Short Circuit / Temperature Protection		Integrated	
Communication Method		Wi-Fi / Bluetooth	
Warranty		10 Years	
Certificates		CE, EMC, RED, LVD, CB, ROHS, REACH, UN38.3, MSDS, IP65,IEC 62619	

Notice: All data contained in this specification is subject to change without prior notice, and the final interpretation right belongs to Cora Dawn Solar.