



What is ai-w5.1-B-ESS?

The AI-W5.1-B-ESS utilizes industry-leading lithium iron phosphate battery cells designed for performance, safety, and longevity. LFP chemistry is proven for long calendar and cycle life with no risk of thermal runaway.

How safe is the ai-w5.1-B Battery?

Safer: The AI-W5.1-B utilizes Cobalt-Free Lithium Iron Phosphate (LFP) battery chemistry, ensuring safety and a long lifespan. With high efficiency and high-power density, coupled with an intelligent Battery Management System (BMS), this battery provides complete protection for your energy storage needs.

What is Deye ai-w5.1-B?

With its advanced LFP technology, modular architecture, and robust design, the DEYE AI-W5.1-B offers a smart energy storage solution to enable solar self-consumption, time-of-use shifting, backup power, and grid services. Introducing the Deye AI-W5.1-B, a safe and scalable LFP solar battery.

How does ai-w5.1-B work?

The AI-W5.1-B provides multiple options for remote monitoring and control via smartphone, PC, or touchscreen. Critical data like state of charge, health status, and faults are readily accessible. The system can also integrate with smart meters and energy management systems. Over-the-air firmware updates ensure the battery analytics stay up-to-date.

What is ai-w5.1-B solar battery?

As a leading producer of rechargeable solar power batteries, Deye introduced AI-W5.1-B. It is an ideal lithium iron phosphate solar battery that offers high safety, performance and flexibility for residential and commercial renewable energy storage applications.

How reliable is ai-w5.1-B?

Reliable: Designed to support high discharge power, the AI-W5.1-B boasts an IP65 rating and natural cooling capabilities, allowing it to operate in a wide temperature range from -20°C to 55°C.



AI-W5.1-5P3-EU AI-W5.1-6P3-EU AI-W5.1-8P3-EU
AI-W5.1-10P3-EU AI-W5.1-12P3-EU Relative
Humidity 15% ~ 85% (No Condensing) Dimension
(W x D x H,mm) 720x255x440 Weight (kg) 38
Communication with BMS CAN2.0 EMC/Safety
Regulation IEC/EN 62109-1,IEC/EN
62109-2,IEC/EN 61000-6-1,



The Deye AI-W5.1-B Lithium Iron Phosphate (LFP) Battery is a cutting-edge energy storage solution designed for both residential and commercial applications. This modular battery system offers superior safety, reliability, flexibility, and eco-friendliness, making it the perfect choice for maximizing your self-consumption ratio.



The Deye AI-W5.1-B battery with lithium iron phosphate (LFP) guarantees you a reliable source of energy, covered by a 10-year manufacturer's warranty (European).The Deye AI-W5.1-B battery with a power of 5.12 kW is a state-of-the-art energy storage system that supports the efficiency of PV installations. The modular design allows the system to be expanded to 6 units per cluster ???



Deye AI-W5.1-B k?bel 69.184 Ft Tov?bb; Deye AI-W5.1 LiFePO4 akkumul?tor 5.12kWh 709.879 Ft Tov?bb; Deye AI-W5.1-BASE l?bazati elem 47.171 Ft Tov?bb; R?lunk. C?g?nk teljes k?r?? tervez?st ?s kivitelez?st v?llal /hitel?gyint?z?ssel/, ?s min??s?gi szervizh?tteret biztos?t. Facebook-f Instagram. Hasznos linkek.



ai-w5.1-b-ess A Deye All-in-One energiat?rol? rendszer egy forradalmi megold?s a hat?kony ?s megb?zhat? energiagazd?lkod?shoz. Ez innovat?v rendszer z?kken??mentesen integr nagy teljes?tm?ny?? hibridet ?rt?kel inverter ?s egy modul?ris lith ium vasszfor elemet evett, biztos?tva ?tfog? ?s felhaszn?l?bar?t energia



Deye ESS AI-W5.1-B Low Voltage Storage Battery
Deye ESS Deye ESS AI-W5.1-B Low Voltage Storage Battery Beltrona GmbH & Co.KG Storage System Technology: LFP (LiFePO4) Nominal Capacity: 100 Ah : Region: Germany Contact Seller



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 720*255*1412 720*255*1693 720*255*1974
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AI-W5.1-B. Features: Safer Cobalt Free Lithium Iron Phosphate (L FP) Battery, safety and long lifespan, high efficiency and high-power density. Intelligent BMS, providing complete protection. Reliable Support high discharge power. IP65, natural cooling, wide temperature range: ???



Deye AI-W5.1-B LV akkumul?tor 5.12 kWh
 term?k?nk most 543.560 Ft-os ?ron el?rhet??.
 V?s?roljon k?nyelmesen ?s biztons?gosan
 web?ruh?zunkb?l, ak?r percek alatt!



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Bateria Deye AI-W5.1-B Lithium Iron Phosphate (LFP) este o solu??ie de ultim?? or?? de stocare a energiei conceput?? at?t pentru aplica??ii reziden??iale, c?t ??i comerciale. Acest sistem modular de baterii ofer?? siguran???? superioar??, fiabilitate, flexibilitate ??i eco-compatibilitate, f??c?ndu-l alegerea perfect?? pentru maximizarea raportului de autoconsum.



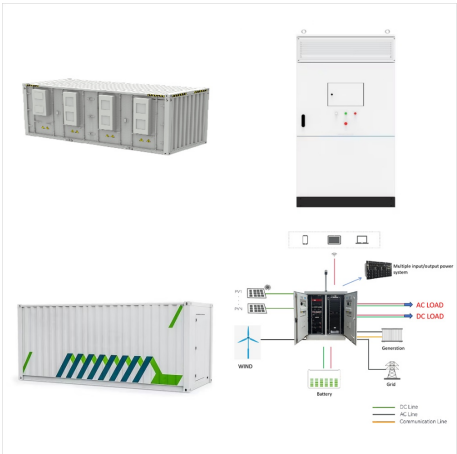
AI-W5.1-B Battery BMS module carries the following upgraded features: Built-in Circuit Breaker: 250A 2P,1000Vdc Safer. Cobalt Free Lithium Iron Phosphate (LFP) Battery, safety and long lifespan, high efficiency and high-power density. Intelligent BMS, providing complete protection.



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220/380, 230/400Vac 4 ???,?? ? 1/4 ?u???u????
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3/4 ?? ??? 30 ??????*??? 3/4 ??



AI-W5.1-B (PDU + Module + Base) Battery carries the following upgraded features: Safer. Cobalt Free Lithium Iron Phosphate (LFP) Battery, safety and long lifespan, high efficiency and high-power density. Intelligent BMS, providing complete protection. Reliable. Support high discharge power. IP65, natural cooling, wide temperature range: -20



AI-W5.1-5P1-EU-B: AI-W5.1-6P1-EU-B:
AI-W5.1-8P1-EU-B: AI-W5.1-10P1-EU-B:
AI-W5.1-12P1-EU-B: System Specification: Nominal Output Power/UPS Power (W) 5000 / 5000: 6000 / 6000: 8000 / 8000: 10000 / 10000: 12000 / 12000:
AC Output Frequency and Voltage: 50/60Hz;
3L/N/PE 220/380, 230/400Vac: Grid Type: Three Phase: Recommended Energy ???



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220/380, 230/400Vac 4 ???,?? ? 1/4 ?u????u????
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Model AI -W5.15P3 EU B6P3 8P3 10P3 12P3
System Specification Nominal Output Power/UPS
Power (W) 5000 / 5000 6000 / 6000 8000 / 8000
10000 / 10000 12000 / 12000 AC Output Frequency
and Voltage 50/60Hz; 3L/N/PE 220/380,
230/400Vac Grid Type Three Phase



Safer Cobalt Free Lithium Iron Phosphate (LFP)
Battery, safety and long lifespan, high efficiency and
high-power density. Intelligent BMS, providing
complete protection. Reliable Support high
discharge power. IP65, natural cooling, wide
temperature range: -20??? to 55???. Flexible
Modular design, easy to expand, Max. 6 clusters in
parallel(36 pcs), Max. capacity of 184kWh. Suited to



A Deye AI-W5.1-B akkumulátor ideális választás azok számára, akik szeretnék növelni az energiaszükségletüket és szakszolgáltatást igényelnek, biztonságos és könnyen beépíthető energiátórási megoldást. Elérhető a