

Technical Specifications

Model	Powerbox Pro
Battery Type	LiFePO4
Nominal Battery Energy	10.24kWh
Operating Voltage	44.8 ~ 57.6V
Nominal Voltage	51.2V
Nominal Capacity	200Ah
Nominal Power	5.12kW
Peak Power	10.24kW
Recomended Charge & Discharge C Rate	0.5C
Recommended Charge/Discharge Current	100A
Recommended Depth of Discharge (DOD)	90%
Net Weight	103kg
Dimension[W*D*H]	555*210*928mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
Cycle Life ^[1]	≥6000 Cycles
Protection Level	IP65
Expansion	Up to 5 units in parallel
Color	White
Alarms	Overcharge/Over-discharge/Overcurrent /Overtemperature/Short Circuit
Pros	Can be used in both off-grid and hybrid setups, compact design, floor or wall-mounted
Certification & Safety Standard	UN38.3/CE-EMC/IEC62619/IEC62040 /IEC60730/UKCA/CEC Accredited
Compatible Inverters	SMA/Victron/Ingeteam/Delios/Goodwe/Solis /Deye/SAJ/Voltronic/Sungrow etc.

[1] Test conditions: 0.5C Charging/Discharging, @25°C, 80% DOD



Authorized Distributor
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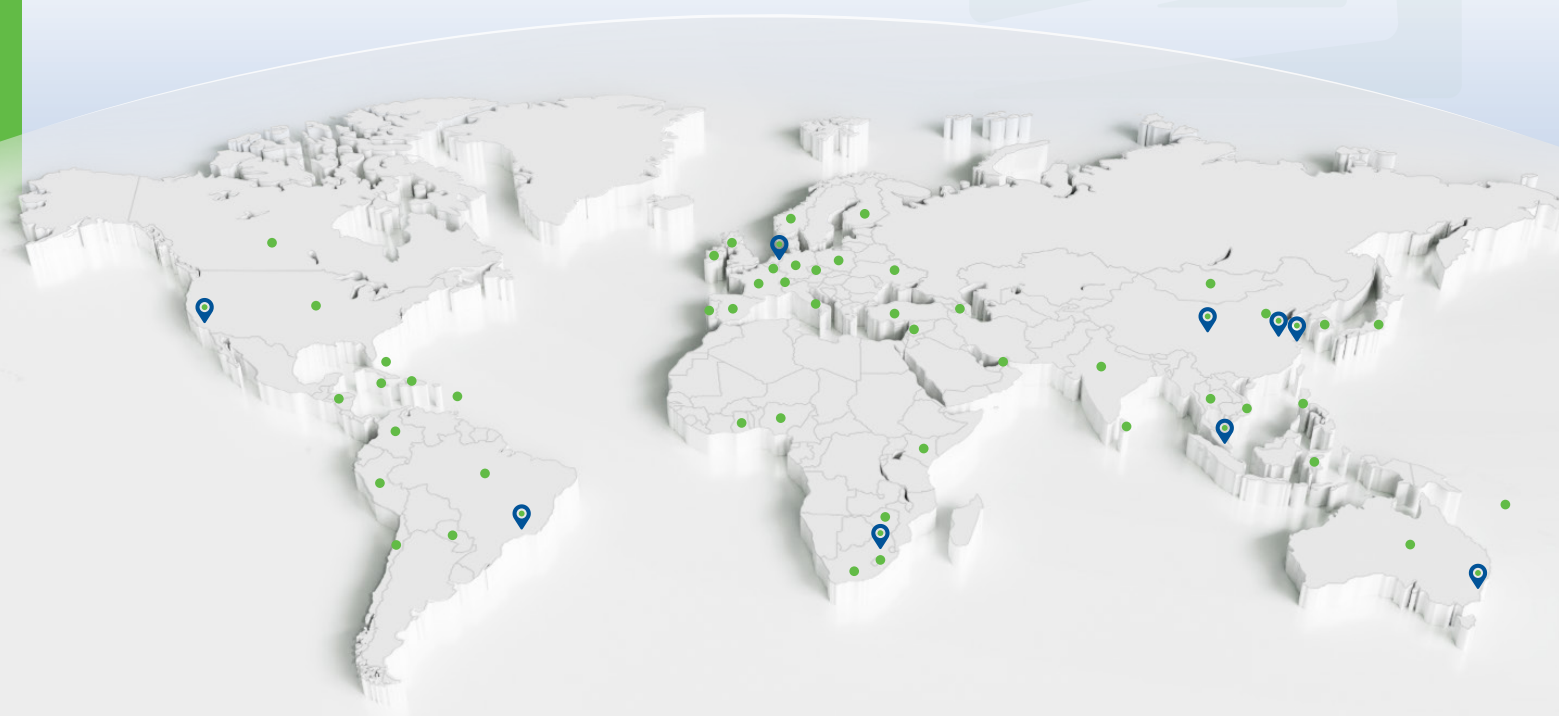
Powerbox Pro



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About Dyness

Dyness is a global leading energy storage solution provider, with a solid 7-year presence in the Australian market. We have 550+ employees, and a R&D team of 150+ people with more than 10 years experience in this industry, who has deep understanding for energy storage and global carbon neutrality. Dyness owns more than 100 patents and many international certifications such as TUV, UL, CE, JET, CEC etc. Our products have been delivered to 100+ countries including Europe, America, Australia, Africa, Southeast Asia etc., serving more than 300,000 households worldwide. Powered by cutting-edge technology and innovation, Dyness is committed to providing customers with intelligent energy solutions, maximizing the use of green energy and making positive contributions to global carbon neutrality.



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Global Branches



100+

Global Footprints



Top 100

Energy Brand By RUPD



300,000+

Families Served

HOME ESS

Powerbox Pro

The Powerbox Pro is a type of deep cycle and high capacity LFP battery with improved safety, long lifespan, and optimized user experience. It is especially designed with IP65 for more flexible and easier installation indoor or outdoor with wall-mounted and landed installation options. With up to 10 kWh for a single unit and max. 5 units in parallel with superior performance, it can meet the household electricity demand. Get ready with Powerbox Pro for super power storage for your life.



APP Monitoring (optional)

Real-time monitoring
& Remote upgrade available



High Protection Level

Indoor & outdoor options



Various Mounting Methods

Wall-mounted
or floor-standing installations



High Safety

LFP & smart BMS



Wide Compatibility

Compatible with many global
leading inverters



Flexible Expansion

Max. 5 units in parallel, offering a
range from 10.24 kWh to 51.2 kWh