

Deye RW-G10.6

10.64 kWh high-performance battery with 240A discharge and 340 kWh scalability.

Models Covered: RW-G10.6

Manufacturer: Ningbo Deye Technology Co., Ltd. (Stock Code: 605117.SH)

Application: The Deye RW-G10.6 is a cutting-edge 10.64 kWh residential battery with exceptional 200A charge and 240A discharge current. Featuring 9.58 kWh usable energy, intelligent BMS with auto-networking, built-in circuit breaker, and scalability up to 340 kWh (32 units), it delivers premium performance for demanding applications.

Technical Specifications

Parameter	RW-G10.6
Electrical / AC Output Data	
Max Parallel Units	32
Nominal Voltage	51.2 V
Operating Voltage Range	44.8~57.6 V
Energy Throughput	16MWH (25°C,0.5C/0.5C,70%EOL) kWh
Status Indicator	LED(SOC:20%~100% and working state)
Battery Data	
Battery Energy Capacity	10.64 kWh
Max System Capacity	340 kWh
Nominal Capacity	208 Ah
Usable Energy	9.58 kWh
Battery Type / Chemistry	LiFePO4
Cycle Life	≥6000(25°C±2°C,0.5C/0.5C,90% DOD ,70%EOL) cycles
Max Charge Current	200 A
Max Discharge Current	240 A
Peak Charge/Discharge Current	200/200 (10 sec) A
Recommended DoD	90%
Protection Features	
IP Rating	IP20
Mechanical Data	
Installation / Mounting	Wall-Mounted, Floor-Mounted
Operating Conditions	
Charging Temperature Range	0 to 55 °C
Discharging Temperature Range	-20 to 55 °C
Max Altitude	≤2000m

Parameter	RW-G10.6
Operating Temperature	15°C~35°C °C
Relative Humidity	0 ~ 95%
Storage Temperature Range	0°C~35°C °C
Communication	
Communication Interface	CAN2.0, RS485

Note: Specifications are based on the official Deye RW-G10.6 datasheet. Values may be subject to change; always verify against the latest manufacturer documentation before system design and procurement.

Availability & grid compliance in UAE

Market	UAE
Grid authority / regulator	DEWA, ADDC, SEWA
Quotation currency	AED
Support hours timezone	Asia/Dubai
Delivery & installation coverage	Dubai, Abu Dhabi, Sharjah, Ajman, Ras Al Khaimah

Figures on this page are the manufacturer's own, measured at the test conditions the datasheet states — they do not change by country. What changes is the approval that has to be met before the unit is energised: in UAE that is DEWA, ADDC, SEWA. Confirm the grid code, import requirements and any local certification with them, or with us, before you order.

Key Features & Technical Highlights

- **240A Discharge:** Exceptional high-power output
- **10.64 kWh Capacity:** 9.58 kWh usable energy
- **Scalable to 340 kWh:** Up to 32 units in parallel
- **Built-in Circuit Breaker:** Overcurrent protection
- **Auto-Networking:** Automatic BMS networking
- **Remote Upgrades:** Firmware updates over the air

Frequently Asked Questions

- ▶ What inverters is the DEYE RW-G10.6 compatible with?
- ▶ Is the DEYE RW-G10.6 suitable for hot climates like the Gulf?
- ▶ What makes the RW-G10.6 special?
- ▶ How much total storage can I build?

Official Source & Documentation

This technical datasheet is derived from official manufacturer documentation provided by **Ningbo Deye Technology Co., Ltd.**. For the latest specifications, firmware updates, and official documentation, visit the manufacturer's website.

- **Manufacturer Website:** www.deyeinverter.com
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Disclaimer: All specifications and technical data presented on this page are based on the official Deye RW-G10.6 datasheet published by Ningbo Deye Technology Co., Ltd. Specifications are subject to change without notice. Always verify against the latest manufacturer documentation at deyeinverter.com before system design, procurement, or installation. Compliance with local regulations, grid codes (DEWA, ADDC, SEWA) and utility requirements in UAE is the responsibility of the system designer/installer.

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