

LITHIUM BATTERIES
 LiFePO_4

Upower
ecoline



UE SERIES UE-24Li200



25.6 V



200 Ah

**MASTER
BATTERY**



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zeroCO₂

PRODUCT DESCRIPTION

Lithium-ferrophosphate (LiFePO₄) battery designed to replace lead-acid with better performance:

- Very high energy density and capacity.
- Longer useful life.
- Greater safety (no maintenance).
- Possibility to assemble 2 units and parallel up to 4 (2Sx4P).

APPLICATIONS

- UPS/EPS
- TELECOM
- Accumulation of solar surplus
- Autonomous mobility

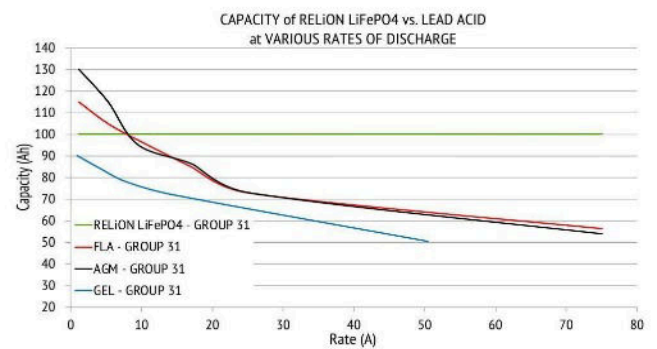
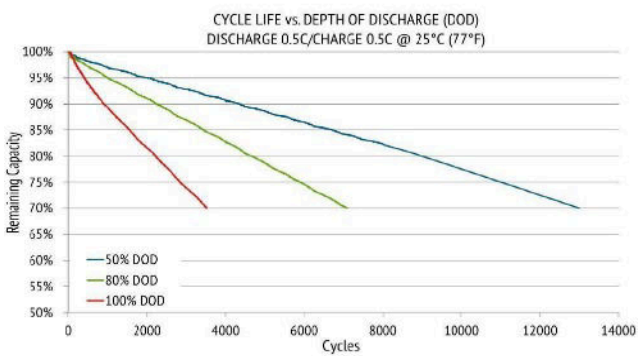
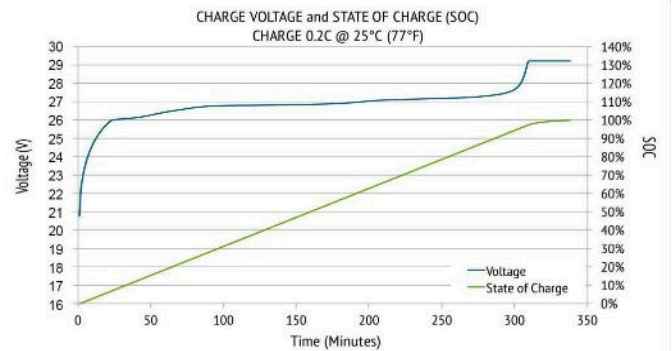
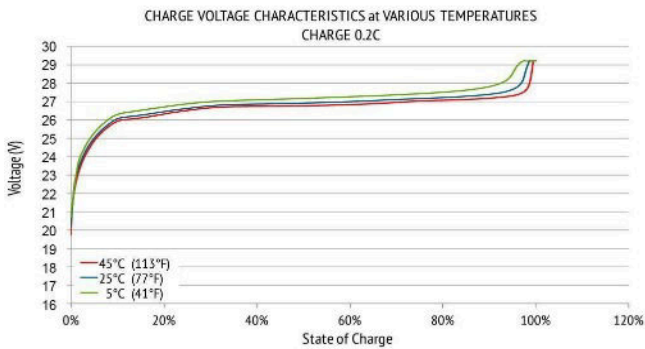
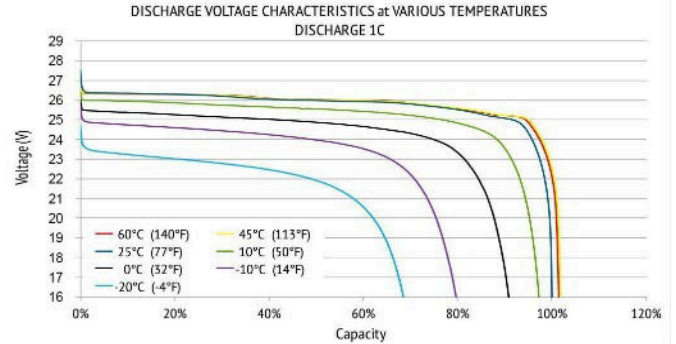
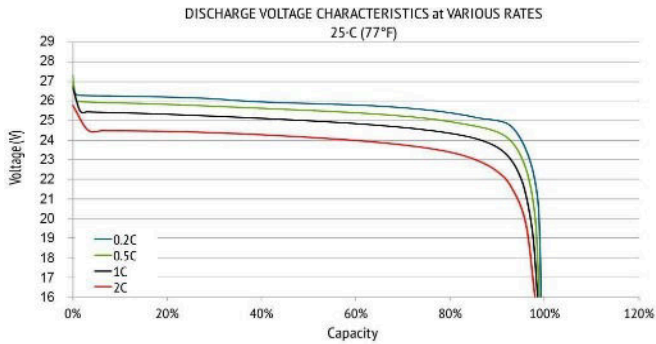
MAIN TECHNICAL SPECIFICATIONS

Rated Capacity:		200 Ah
Rated Voltage:		25,6 V
Recommended Charge Current:	(0.2 C)	40 A
Maximum Charge Current (*):		100 A
Recommended Discharge Current:	(0.2 C)	40 A
Maximum Discharge Current (*):		200 A
Life Cycles:	(100% DoD)	2500 cycles
Operating Temperature:	Charge:	0°C ~ 45°C
	Discharge:	-20°C ~ 60°C
Storage Temperature:		-10°C ~ 35°C

(*) Charging and discharging at higher than recommended currents can cause a decrease in the performance and life expectancy of the battery.



OPERATING CURVES



UE-24Li200

UE SERIES

ELECTRICAL SPECIFICATIONS

Charge Voltage:	29,2 V
Discharge Cutoff Voltage:	40 V
Internal Resistance:	≤ 10 mΩ

OTHER SPECIFICATIONS

Dimensions (L x W x H):	640 x 245 x 220 mm
Weight:	Approx. 38 kg

PROTECTIONS

- Overload Protection
- Overload Protection
- Load/Discharge Overvoltage Protection
- Short Circuit Protection
- Excessive Temperature Protection

CERTIFICATIONS

UN 38.8 MSDS , DG certificate, CE

