

LITHIUM BATTERIES

LiFePO₄

Upower
ecoline



UE SERIES

UE-FT-12Li200



12.8 V



200 Ah

**MASTER
BATTERY**



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zeroCO₂

PRODUCT DESCRIPTION

Lithium-ferrophosphate (LiFePO_4) battery designed to replace lead-acid with better performance:

- Very high energy density and capacity.
- Longer useful life.
- Greater safety (no maintenance).
- Parallelisable and can be assembled up to 4 units (4x4).

APPLICATIONS

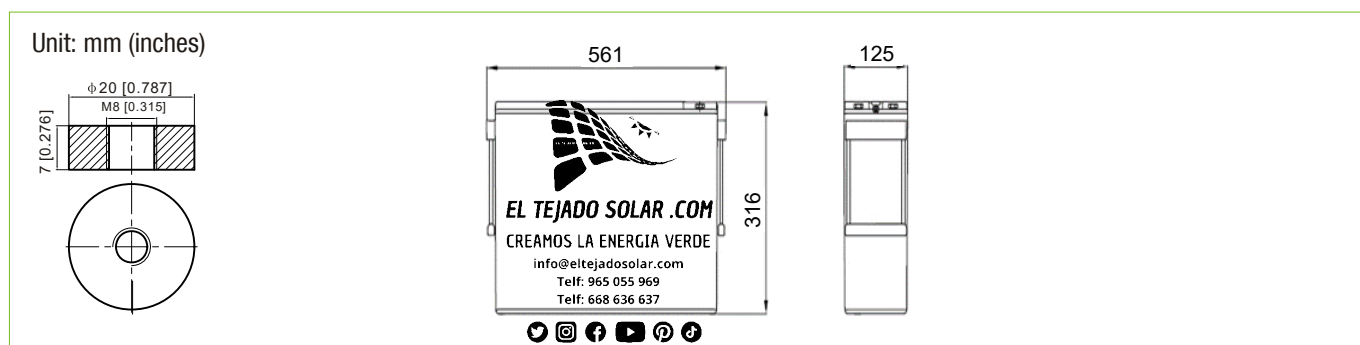
- UPS/EPS
- TELECOM
- Accumulation of solar surplus
- Autonomous mobility

MAIN TECHNICAL SPECIFICATIONS

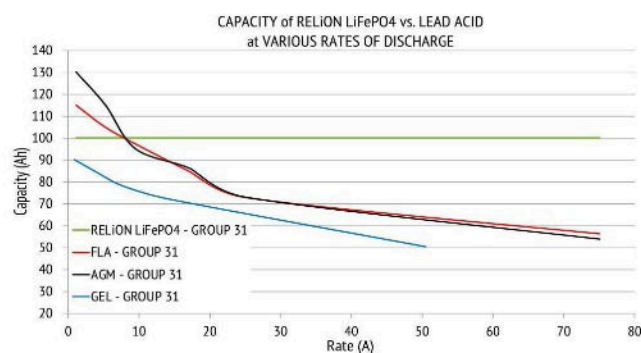
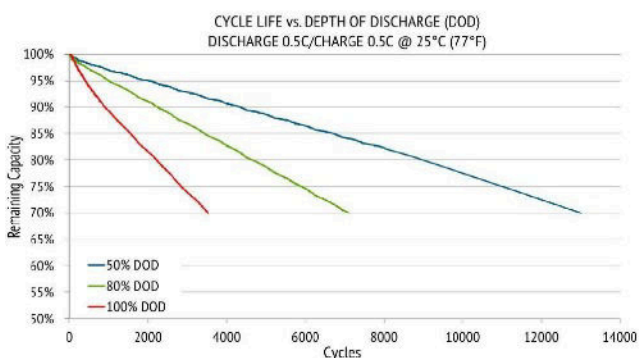
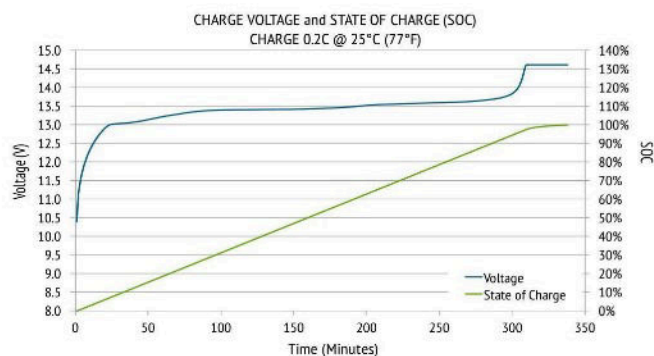
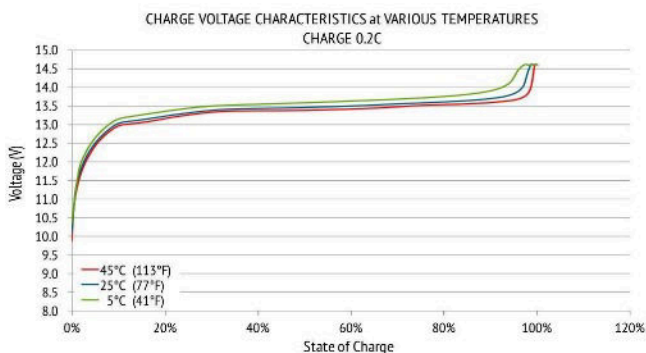
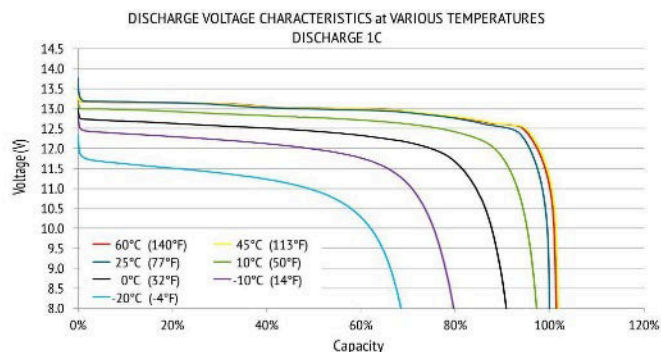
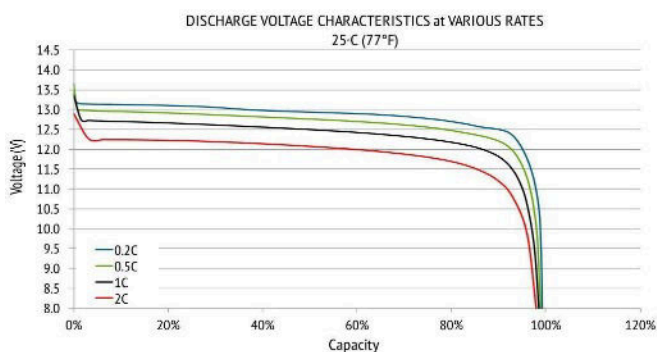
Rated Capacity:		200 Ah
Rated Voltage:		12,8 V
Recommended Charge Current:	(0.2 C)	40 A
Maximum Charge Current (*):		100 A
Recommended Discharge Current:	(0.2 C)	40 A
Maximum Discharge Current (*):		200 A
Life Cycles:	(100% DoD)	2500 cycles
Operating Temperature:	Charge:	0°C ~ 45°C
	Discharge:	-20°C ~ 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.

DIMENSIONS



OPERATING CURVES



UE-FT-12Li200

UE SERIES

ELECTRICAL SPECIFICATIONS

Charge Voltage:

14.6 V

Discharge Cutoff Voltage:

10 V

Internal Resistance:

$\leq 10 \text{ m}\Omega$



OTHER SPECIFICATIONS

Dimensions (L x W x H):

561 x 125 x 316 mm

Weight:

Approx. 19.5 kg

Output Connector:

M8

PROTECTIONS

Overload Protection

Overload Protection

Load/Discharge Overvoltage Protection

Short Circuit Protection

Excessive Temperature Protection

CERTIFICATIONS

UN 38.8 MSDS , DG certificate, CE