

LITHIUM BATTERIES
 LiFePO_4

Upower
ecoline



UE SERIES
UE-24Li50



25.6 V



50 Ah

**MASTER
BATTERY**



Paseo de Extremadura, 39 - 28935 Móstoles - Madrid (Spain)
Tel. +34 918 021 649 - Fax. +34 917 750 542
info@masterbattery.es - www.masterbattery.es/en


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

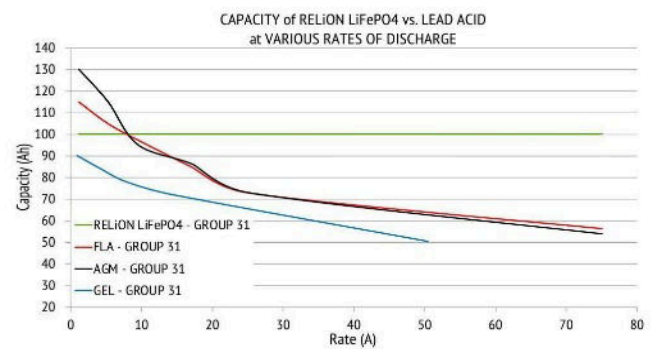
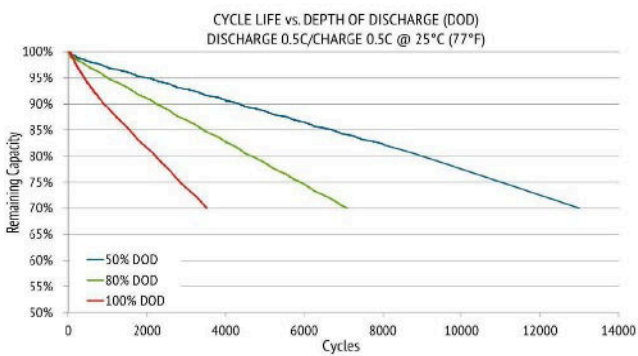
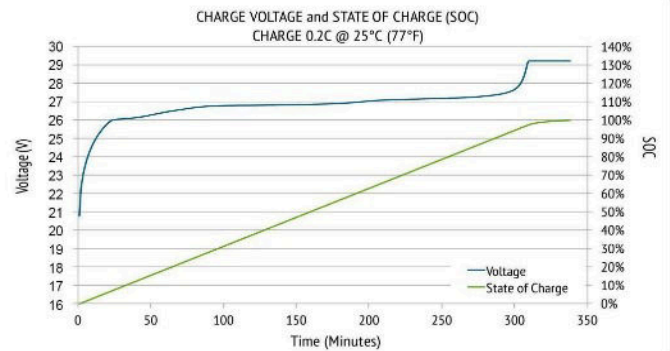
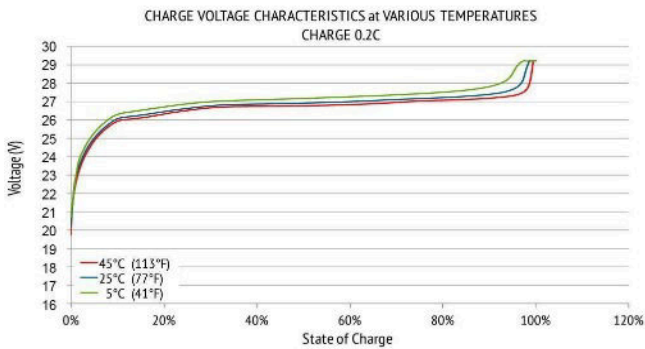
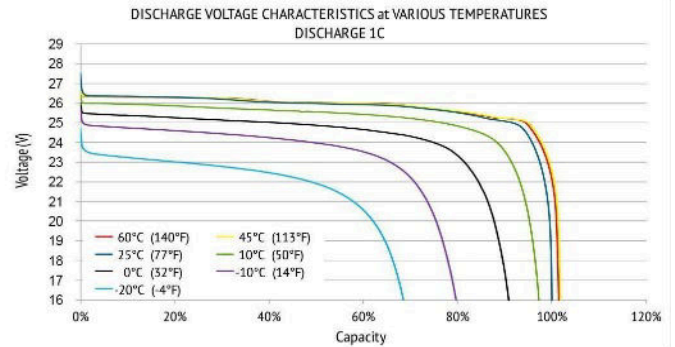
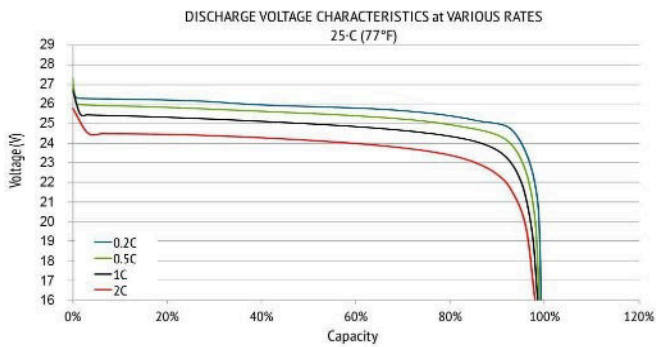
MAIN TECHNICAL SPECIFICATIONS

Rated Capacity:		50 Ah
Rated Voltage:		25.6 V
Recommended Charge Current:	(0.2 C)	10 A
Maximum Charge Current (*):		50 A
Recommended Discharge Current:	(0.2 C)	10 A
Maximum Discharge Current (*):		50 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



ELECTRICAL SPECIFICATIONS

Charge Voltage:	29.2 V
Discharge Cutoff Voltage:	20 V
Internal Resistance:	≤ 15 mΩ

OTHER SPECIFICATIONS

Dimensions (L x W x H):	330 x 172 x 220 mm
Weight:	Approx. 11 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

