

LITHIUM BATTERIES

LiFePO₄

Upower
ecoline



UE SERIES

UE-24Li60



25.6 V



60 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).
- Possibility to assemble 2 units and parallel up to 4 (2Sx4P).

APPLICATIONS

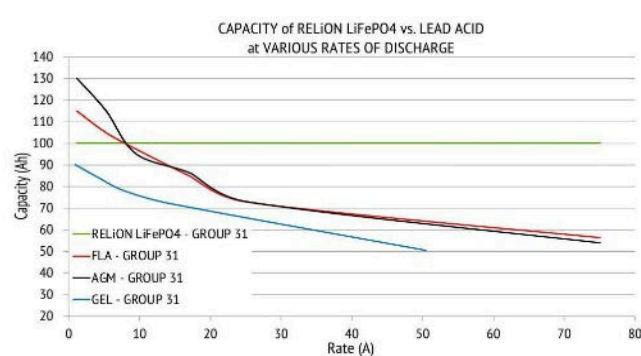
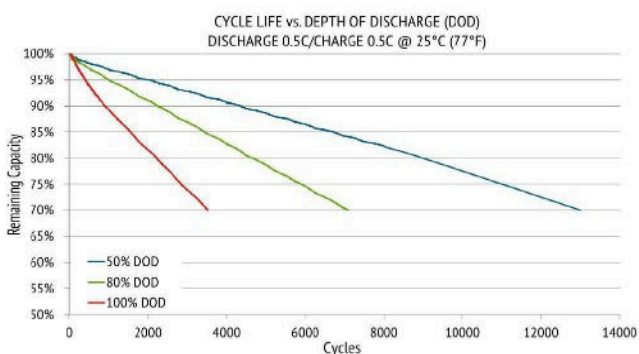
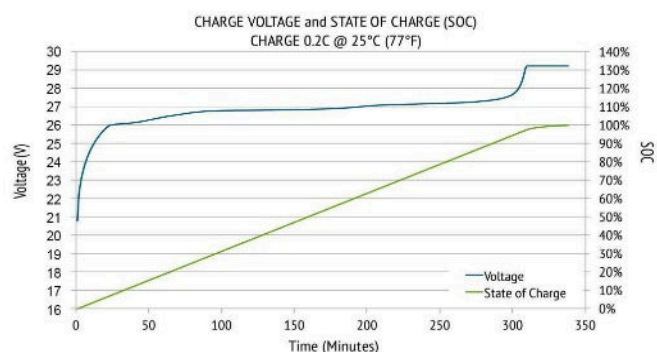
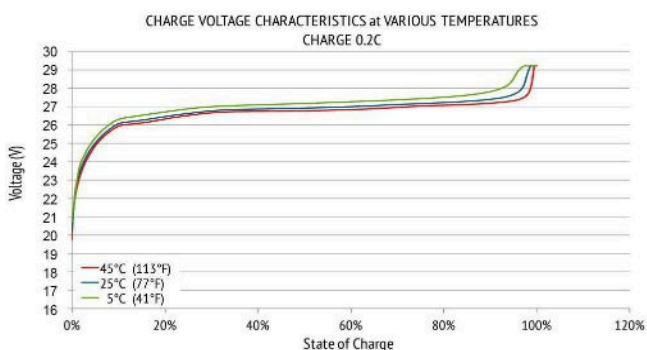
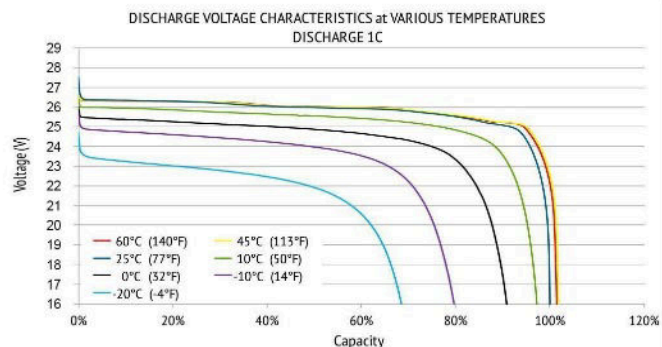
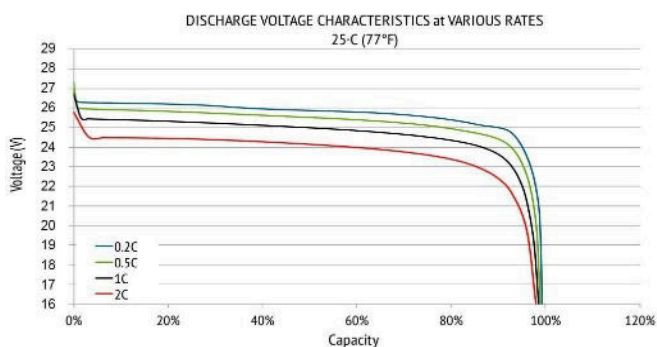
- UPS/EPS
- TELECOM
- Accumulation of solar surplus
- Autonomous mobility

MAIN TECHNICAL SPECIFICATIONS

Rated Capacity:		60 Ah
Rated Voltage:		25.6 V
Recommended Charge Current:	(0.2 C)	12 A
Maximum Charge Current (*):		60 A
Recommended Discharge Current:	(0.2 C)	12 A
Maximum Discharge Current (*):		60 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-24Li50

UE SERIES

ELECTRICAL SPECIFICATIONS

Bulk charge voltage:	29.2 V
Float charge voltage	27.6-28V
Discharge Cutoff Voltage:	20 V
Internal Resistance:	$\leq 15 \text{ m}\Omega$

OTHER SPECIFICATIONS

Dimensions (L x W x H):	330 x 172 x 210 mm
Weight:	Approx. 10 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