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Technical specification

## ZG-LFP060AH



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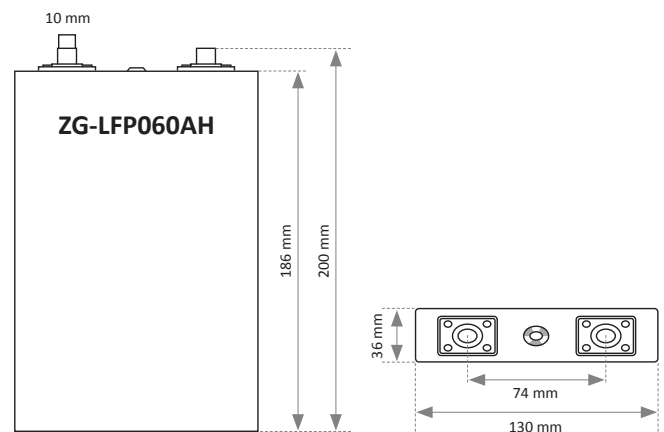
## The technical specification of the ZG-LFP060AH cell

### THE ADVANTAGES OF THE ZG-LFP CELLS

- ✓ professionally produced LiFePO4 cells
- ✓ stability during high current discharge – support up to 3C continually, 5C, 10C peak discharge
- ✓ the discharge with long flat discharge area (3.30V to 3.10V)
- ✓ metal case for protecting the cell
- ✓ minimal overheating or heat release during operation

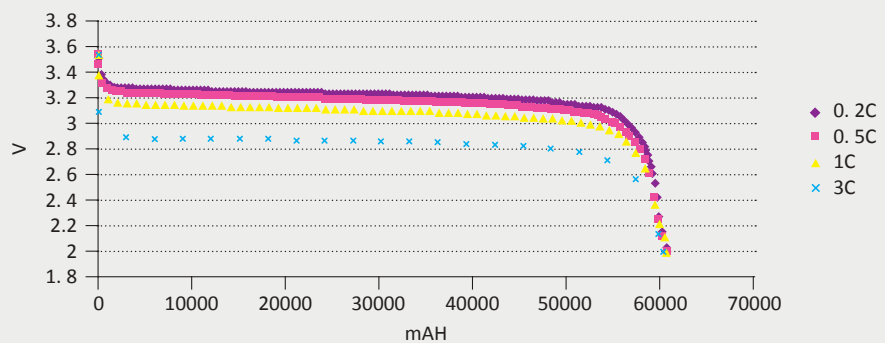
Model name	ZG-LFP060AH
Nominal voltage (V)	3.20 V
Nominal capacity (Ah)	60 Ah (@0.3C)
Rated charge voltage (V)	3.65 V
Maximal voltage (V)	3.80V
Discharge voltage (V)	2.80V
Minimal voltage (V)	2.50 V
Rated discharge current 0.3C (Amp)	< 20 A
Maximal continuous discharge current 3C (Amp)	180 A
Rated charge current 0.3C (Amp)	< 20 A
Maximal charge current 1.5C (Amp)	90 A
Internal resistance (mOhm)	< 2 mOhm
Cycle life (80% DOD at 20°C)	> 2000 cycles at 25A
Self discharge rate (% per month)	< 3%
Operating temperature (charging)	0 to 50 °C (at 0.3C or less)
Operating temperature (discharging)	-20 to 50 °C (at 0.3C or less)
Dimensions width x length x height (mm)	130 x 186 x 36 mm
Weight (tolerance +/- 50g)	1.685 kg

Dimensions 130 x 186 x 36

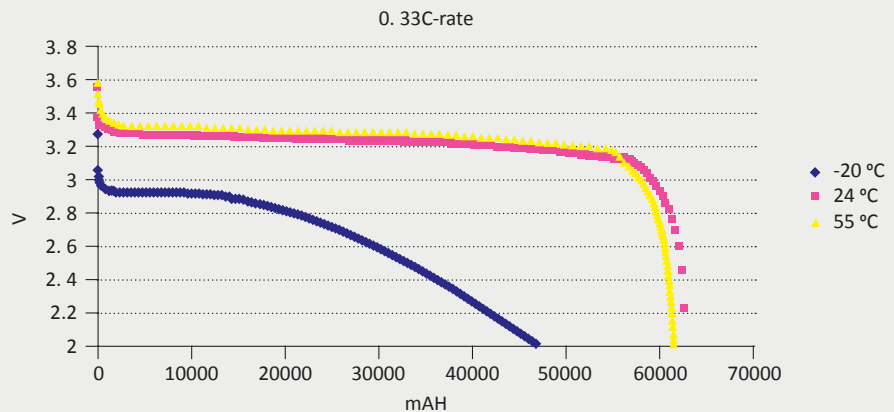


## Operation test data for the ZG-LFP060Ah cell

Discharge curve  
with different  
charge rate



Discharge curve  
with different  
temperature  
at 1/3C (20A)



The cycle life  
of the ZG-LFP  
cells is 2000+  
cycles

- Cycle at 0.5C (charge and discharge), 2h rest time between charge and discharge
- Depth of discharge 80% (from 3.30V to 2.80V)
- Temperature +20°C

