

Lithium Ion battery program 2017

3,2V Li-Ion Battery Cells, with Yttrium (LiFeYPO₄ = LYP)

MODEL No. HME-LYP40AH

Nominal Capacity: 40 AH
Operating Voltage: 2.8 V - 4.0 V

Weight: 1.6 kg± 50g

Dimensions: 115 × 183 × 47 mm

Inner resistance: ≤0,7 mOhm



MODEL No. HME-LYP 60AH

Nominal Capacity: 60 AH
Operating Voltage: 2.8 V - 4.0 V

Weight: 2.3 kg± 50g

Dimensions: 114 × 203 × 61 mm

Inner resistance: ≤0,55 mOhm



MODEL No. HME-LYP90AH

Nominal Capacity: 90 AH
Operating Voltage: 2.8 V - 4.0 V

Weight: 3,0 kg± 100g

Dimensions: 143×218×61 mm

Inner resistance: ≤0,5 mOhm



MODEL No. HME-LYP100AH

Nominal Capacity: 100 AH
Operating Voltage: 2.8 V - 4.0 V

Weight: 3.6 kg± 100g

Dimensions: 179 × 218 × 62 mm

Inner resistance: ≤0,45 mOhm



MODEL No. HME-LYP160AH

Nominal Capacity: 160 AH
Operating Voltage: 2.8V - 4.0V

Weight: 5.7 kg± 50g

Dimensions: 209 × 278 × 65 mm

Inner resistance: ≤0,4 mOhm



MODEL No. HME-LYP200AH

Nominal Capacity: 200 AH
Operating Voltage: 2.8 V - 4.0 V
Weight: 7,9 kg± 200g
Dimensions: 361 × 256 × 55.5 mm
Inner resistance: <= 0,35 mOhm



MODEL No. HME-LYP300AH

Nominal Capacity: 300 AH
Operating Voltage: 2.8 V - 4.0 V
Weight: 9.7 kg±250 g
Dimensions: 362 × 306 × 55.5 mm
Inner resistance: <= 0,7 mOhm



MODEL No. HME-LYP400AH

Nominal Capacity: 400 AH
Operating Voltage: 2.8 V - 4.0 V
Weight: 13.5 kg±250 g
Dimensions: 460 × 285 × 65mm
Inner resistance: <= 0,3 mOhm



MODEL No. HME-LYP700AH

Nominal Capacity: 700 AH
Operating Voltage: 2.8 V - 4.0 V
Weight: 21 kg±300 g
Dimensions: 627 × 67 × 305 mm
Inner resistance: <= 0,3 mOhm



MODEL No. HME-LYP1000AH

Nominal Capacity: 1000 AH
Operating Voltage: 2.8 V - 4.0 V
Weight: 41 kg±500 g
Dimensions: 560 × 130 x 356mm
Inner resistance: <= 0,3 mOhm



Note:

Charge and discharge current, for all cells: max. 3CA
Life time: up to 5'000 cycles at 80% DOD.
Operating temp. for charge & discharge: -45°to +85°C
No danger of fire or explosion possible due to Y metal.

12V Li-Y Battery -Packs

MODEL NO. HME-LP12V40AH

Nominal Capacity: 40 AH
Operating Voltage: 11V - 16V
Weight: 7 kg±200 g
Dimensions: 225 × 125 × 208 mm



MODEL NO. HME-LP12V60AH

HME-LP12V60AH Nominal Capacity: 60 AH
Operating Voltage: 11V - 16V
Weight: 10 kg±100 g
Dimensions: 282 × 125 × 230 mm



MODEL NO. HME-LP12V90AH

Nominal Capacity: 90 AH
Operating Voltage: 11 V – 16 V
Weight: 13 kg±100 g
Dimensions: 282 × 155 × 248 mm

