

GP Batteries

WORLDWIDE HEADQUARTERS HONG KONG GPI INTERNATIONAL LIMITED

Gold Peak Building, 8/F., 30 Kwai Wing Road,
Kwai Chung, N.T., Hong Kong
Tel: (852) 2484 3333 Fax: (852) 2480 5912
E-mail address: gpi@goldpeak.com
Website: http://www.gpbatteries.com

SALES & MARKETING BRANCH OFFICES

ASEAN

GP BATTERY MARKETING (SINGAPORE) PTE. LIMITED
97 Pioneer Road, Singapore 639579
Tel: (65) 6559 9760 Fax: (65) 6559 9761

MALAYSIA

GP BATTERY MARKETING (MALAYSIA) SDN. BHD.
Lot 8, Jalan Pemberita U1/49, Temasya Industrial Park,
40150 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel: (60) 3 5569 3499 Fax: (60) 3 5569 3498

THAILAND

GP BATTERY MARKETING (THAILAND) CO., LTD.
102 Soi Sukhumvit 26, Sukhumvit Road,
Klongton, Klongtoey, Bangkok 10110 Thailand
Tel: (66) 2 661 3688 Fax: (66) 2 661 3602

TAIWAN

GOLD PEAK INDUSTRIES (TAIWAN) LIMITED - TAIPEI OFFICE
No. 8, Lane 166, Da - hu St., Nei - Hu 114, Taipei, Taiwan, R.O.C.
Tel: (886) 2 2772 9998 Fax: (886) 2 2731 4868/2741 0192

CHINA

HUIZHOU CHAO BA BATTERIES COMPANY LTD
No.29 6th Gaoxin Road, Zhongkai Gaoxin Industrial Zone,
Huizhou City, Guangdong, China
Tel: (86) 752 263 8698 Fax: (86) 752 263 8666

HONG KONG

GP BATTERY MARKETING (H.K.) LIMITED
Unit D & E, 1/F., Kam Bun Industrial Building,
No. 13-19 Kwai Wing Road, Kwai Chung, N.T., Hong Kong
Tel: (852) 2420 0281 Fax: (852) 2494 9349

KOREA

GP BATTERY MARKETING (KOREA) LIMITED
Kunsul Hoekwan Building, 9/F., 71-2 Non Hyun-Dong,
Kang Nam-Gu, Seoul, South Korea
Tel: (82) 2 549 7188/9, 2 516 3936/7
Fax: (82) 2 514 0623, 2 516 0621

U.S.A.

GOLD PEAK INDUSTRIES (NORTH AMERICA) INC.
11235 West Bernardo Court, San Diego,
CA 92127-1638, U.S.A.
Tel: (1) 858 674 6099 Fax: (1) 858 674 6496/674 5883

CANADA

GP BATTERY MARKETING INC.
Unit 7, 7780 Woodbine Avenue, Markham,
Ontario, Canada L3R 2N7
Tel: (1) 905 474 9507 Fax: (1) 905 474 9452

LATIN AMERICA

GP BATTERY MARKETING (LATIN AMERICA) INC.
8370 NW, 66th Street, Miami, Florida 33166, U.S.A.
Tel: (1) 305 471 7717 Fax: (1) 305 471 7718

EUROPE

GP BATTERIES EUROPE B.V.
Kortijzer 4, 5721 VE Asten, Netherlands
Tel: (33) 493 681030 Fax: (33) 493 681039

GERMANY

GP BATTERY MARKETING (GERMANY) GMBH
Schiessstrasse 68, D-40549 Dusseldorf, Germany
Tel: (49) 211 522 954 0 Fax: (49) 211 522 954 54

POLAND

GP BATTERY (POLAND) SP. Z.O.O.
Al. Jerozolimskie 162, 02-342 Warszawa, Poland
Tel: (48) 22 500 9500 Fax: (48) 22 846 7535

U.K.

GP BATTERIES (U.K.) LIMITED
Monument View, Chelston Business Park,
Wellington Somerset, TA21 9ND, United Kingdom
Tel: (44) 1823 660044 Fax: (44) 1823 665595

ITALY

GP BATTERY MARKETING ITALY S.R.L.
Via. Alessandro Volta 3, 20094 Assago (Mi), Italy
Tel: (39) 02 488 2512 Fax: (39) 02 488 2865

SCANDINAVIA

GPBM NORDIC AB
Grimboäsen 5, SE-417 49, Goteborg, Sweden
Tel: (46) 31 558 600 Fax: (46) 31 556 813

GP Batteries

Lithium Ferro Phosphate Batteries



GPPA7LFP-A 10/07 All rights reserved. No parts of this catalogue written or pictorial may be reproduced without the permission of GPI International Ltd.

Distributed by:

Lithium Ferro Phosphate Batteries



Always at the forefront of inspired development and a role model for other corporations in business, once again GP Batteries leads the field in Innovative technology with stunning results. Revealing significant advantages over alternative high power technology, GP has just released the outstanding Lithium Ferro Phosphate battery (LiFePO₄). Friendly to you and the environment - with NO toxic elements, LiFePO₄ has a safety-conscious concept and thermal stability: unlike other Lithium batteries, LiFePO₄ can sustain high temperatures so there's no risk of overheating. Robust and with the capacity for over 1,000 cycles it's a long-time, best performance companion for all your battery-operated equipment.



Major Features

- High discharge rate up to 20C
- High intrinsic safety of FePO₄ material
- Good thermal stability
- High tolerance to high and low voltage abuse
- Robust even under abusive condition
- Excellent cycle life
- No toxic elements, environmentally friendly

Major Applications

Applications requiring high temperature, long cycle life, and high safety standard

- Power Tool
- E-mobility
- Emergency Lighting
- Miner Lamp
- Medical Equipment
- UPS
- Solar Power
- Remote-Controlled Car/ Airplane/ Boat



Product Characteristics

Model :	GP1865A145	GP1865A120	GP1850A85	GP1450A45	GP902940
Form Factor:	Cylindrical	Cylindrical	Cylindrical	Cylindrical	Polymer
Voltage :	3.2V	3.2V	3.2V	3.2V	3.2V
Typical Capacity :	1450 mAh	1200 mAh	850 mAh	450 mAh	630 mAh
Weight :	40 grams	40 grams	30 grams	18 grams	17 grams
Dimension :	18.3 x 65.2 (mm)	18.3 x 65.2 (mm)	18.3 x 50.2 (mm)	14.2 x 50.2 (mm)	9 x 29 x 40 (mm)
Impedance :	< 75m Ω	< 45m Ω	< 55m Ω	< 55m Ω	< 70m Ω
Discharge Rate :	3.0C	10C	10C	10C	10C
Cycle Life :	>1000 cycles	>1000 cycles	>1000 cycles	>1000 cycles	>1000 cycles

Performance Characteristics

