

# JOURNAL OF POWER SOURCES

## The International Journal on the Science and Technology of Battery, Fuel Cell and other Electrochemical Systems

### Regional Editor for N. & S. America

C.K. Dyer  
Compact Power Inc.  
16 Seven Oaks Circle,  
Madison, NJ 07940 -1314, USA

### Asia-Pacific Regional Editor

D.A.J. Rand  
CSIRO Energy Technology, Bayview Avenue,  
Box 312, Clayton South, Vic. 3169, Australia

### Regional Editor for Japan & P.R. China

Z. Ogumi  
Department of Energy & Hydrocarbon Chemistry  
Graduate School of Engineering  
Kyoto University  
Nishikyo-ku, Kyoto 615-8510, Japan

### European Regional Editor

B. Scrosati  
Department of Chemistry  
University of Rome 'La Sapienza'  
Piazzale Aldo Moro, 5  
00185 Rome, Italy

### Special Issues Coordinating Editor

P.T. Moseley  
International Lead Zinc Research Organization Inc.  
2525 Meridian Parkway  
PO Box 12036  
Research Triangle Park, NC 27709, USA

### Founding Editor

D.H. Collins

### Editorial Board

K.M. Abraham (Needham, MA, USA)  
A.J. Appleby (College Station, TX, USA)  
P. Costamagna (Genova, Italy)  
R.M. Dell (Abingdon, UK)  
C. Delmas (Pessac, France)  
A. Dicks (Brisbane, Australia)  
S. Freni (Messina, Italy)  
J. Garcke (Ulm, Germany)  
H.A. Gasteiger (Honeoye Falls, NY, USA)  
P. Grimes (Scotch Plains, NJ, USA)  
R.P. Hamlen (Holmdel, NJ, USA)  
R.A. Huggins (Kiel, Germany)  
K.V. Kordesch (Graz, Austria)  
A.R. Landgrebe (Long Neck, DE, USA)  
M. Mastragostino (Bologna, Italy)  
R.F. Nelson (Golden, CO, USA)  
T. Osaka (Tokyo, Japan)  
K.-i. Ota (Yokohama, Japan)  
J. Owen (Southampton, UK)  
D. Pavlov (Sofia, Bulgaria)  
N. Penazzi (Torino, Italy)  
K. Peters (Manchester, UK)  
M. Salomon (Little Silver, NJ, USA)  
N. Sammes (Storrs, CT, USA)  
M.M. Thackeray (Argonne, IL, USA)

### Aims and Scope

The Journal of Power Sources provides an interdisciplinary forum on all aspects of the science, technology and commercialization of primary/secondary batteries and fuel cells, as well as on their application in important and emerging markets such as:

- standby- and portable-power systems
- load-levelling facilities
- electric vehicles
- remote wind- and/or solar-based power supplies
- satellites and deep space probes

### Types of Contributions

- Original research papers within the scope of the journal
- State-of-the-art reviews
- Short communications
- Letters to the Editors
- Technical updates
- Conference proceedings
- Recent publication lists (bibliographies)
- Conference calendar
- Book reviews

**Publication information:** *Journal of Power Sources* (ISSN 0378-7753). For 2006, volumes 147–158 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Regional Sales Office nearest you or from this journal's website (<http://www.elsevier.com/locate/jpower>). Further information is available on this journal and other Elsevier products through Elsevier's website: (<http://www.elsevier.com>). Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch

### Orders, Claims and Product Enquiries (no manuscript enquiries)

Please contact the Customer Service Department at the Regional Sales Office nearest you:

#### Orlando

Elsevier  
Customer Service Department  
6277 Sea Harbor Drive, Orlando  
FL 32887-4800, USA  
phone: (877) 8397126  
or (800) 6542452  
[toll free numbers for US customers]  
(+1) (407) 3454020  
or (+1) (407) 3454000  
[customers outside US]  
fax: (+1) (407) 3631354  
or (+1) (407) 3639661  
e-mail: [usjcs@elsevier.com](mailto:usjcs@elsevier.com)  
or [elspcs@elsevier.com](mailto:elspcs@elsevier.com)

#### Tokyo

Elsevier  
Customer Service Department  
4F Higashi-Azabu  
1-Chome Bldg, 1-9-15 Higashi-Azabu  
Minato-ku, Tokyo 106-0044,  
phone: (+81) (3) 5561 5037  
fax: (+81) (3) 5561 5047  
e-mail: [jp.info@elsevier.com](mailto:jp.info@elsevier.com)

#### Amsterdam

Elsevier  
Customer Service Department  
PO Box 211, 1000 AE Amsterdam  
The Netherlands  
phone: (+31) (20) 4853757  
fax: (+31) (20) 4853432  
e-mail: [ninfo-f@elsevier.com](mailto:ninfo-f@elsevier.com)

#### Singapore

Elsevier  
Customer Service Department  
3 Killiney Road  
#08-01 Winsland House I  
Japan Singapore 239519  
phone: (+65) 63490222  
fax: (+65) 67331510  
e-mail: [asiainfo@elsevier.com](mailto:asiainfo@elsevier.com)

**USA mailing notice:** *Journal of Power Sources* (ISSN 0378-7753) is published semi-monthly by Elsevier B.V. (P.O. Box 211, 1000 AE Amsterdam, The Netherlands). Annual subscription price in the USA US \$ 3898 (valid in North, Central and South America), including air speed delivery. Periodicals postage rate paid at Jamaica, NY 11431. **USA POSTMASTER:** Send change of address to *Journal of Power Sources*, Elsevier, 6277 Sea Harbor Drive, Orlando, FL 32887-4800. **AIRFREIGHT AND MAILING** in the USA by Publications Expediting Inc., 200 Meacham Avenue, Elmont, NY 11003.