

# OMB-DBK30A

## Rechargeable Battery/Excitation Module for OMB-LOGBOOK and OMB-DAQBOOK-2000 Series

Model OMB-DBK30A

**\$649**



The OMB-DBK30A, \$649, rechargeable battery/excitation module, shown smaller than actual size

- ✔ Provides up to Six Hours of Operation for Portable Data Acquisition
- ✔ 28 Vdc Excitation Output for Applications Such as 4 to 20 mA Transducers Biasing

The OMB-DBK30A rechargeable nickel-cadmium battery/excitation module enables OMEGA's OMB-LOGBOOK and OMB-DAQBOOK-2000 Series acquisition systems to be used in remote or portable applications. Housed in a metal enclosure of the same size as these portable data acquisition systems, the unit includes durable, Velcro-style tabs for easy attachment under these units.

The OMB-DBK30A has two operating modes. In one mode, it provides a 14 Vdc output capable of operating one of the above-mentioned systems for three to six hours.

In the second mode, it provides an additional 28 Vdc output, referenced to system common, that can be used to provide excitation for 2-wire or 4 to 20 mA transducers. At the same time, the 14 V output can power OMEGA's portable data acquisition systems for up to three hours.

An internal switch allows the user to con-figure the OMB-DBK30A as needed.

The OMB-DBK30A has two battery packs, each with its own peak termination charging circuit. The unit features a charge-status LED that indicates charging and full-charge status, and also provides a power-out LED that indicates external loading. The unit includes an AC adaptor for recharging.

### Packaging

You can stack the OMB-DBK30A beneath an OMB-LOGBOOK or OMB-DAQBOOK-2000 Series portable data acquisition module, both of which are available with an optional screw-in handle.

The result is a compact and securely connected data acquisition system that you can conveniently carry from one application site to another.

### SPECIFICATIONS

- Battery Type:** Nickel-cadmium
- Number of Battery Packs:** 2
- Battery Pack Configuration:** 12 series-connected Sub-C's
- Output Voltage:** 14.4 V or 28.8 V (depending on mode selected)
- Output Fuses:** 2 A
- Battery Amp-Hours:** 3.4 A-H (1.7 A-H/pack)
- Charging Voltage from Supplied AC Adaptor:** 22 to 26 Vdc @ 2 A
- AC Adaptor Input:** 95 to 265 Vac @ 47 to 63 Hz
- Charging Time:** 2 hours or less
- Charge Termination:** Peak detection
- Dimensions:** 221 x 285 x 35 mm (8.5 x 11 x 1.375")
- Weight:** 2.4 kg (6 lb)

**AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)		
Model Number	Price	Description
OMB-DBK30A	\$649	Rechargeable Battery/Excitation Module

Ordering Example: OMB-DBK30A is a rechargeable battery/excitation module, \$649

# omega.co.uk<sup>®</sup>

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA

Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)

1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenpfronn, Germany

0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England

0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)

088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)

Karviná, Czech Republic

596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters