

# 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



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