

# Panasonic

## BUSINESS

**AG-VBR118G**  
**AG-VBR89G**  
**AG-VBR59**

Battery Pack

\*Not available in some areas.

**AG-BRD50**

Battery Charger

\*Not available in some areas.



## Twice the recording time, about half the charging time. New battery packs and a quick, large-capacity charger.

A new series of compact battery packs and a battery charger with large-capacity, quick-charge compatibility have been launched. for use with the camera recorders and portable recorder. (please see below for the details.)

The new battery packs boast about twice the capacity of previous battery packs, thus almost doubling the operating hours of the camera recorders. The AG-VBR118G with the largest capacity in the new series lets the AJ-PX270/230 handheld camera recorders record continuously for more than four hours. The AG-DVX200 records continuously for more than five hours. The new AG-BRD50 battery charger enables quick-charging, reducing the battery charge time to about half that of the previous model.

The new battery packs and battery charger are also compatible with the previous battery system so the new series battery packs can be charged using the previous battery charger and the new series battery charger can be used to charge previous battery packs.\* This adds flexibility and versatility to the operation of handheld camera recorders in the field.

\* Quick-charge is not supported in either case.

### Supported Camera Recorders and Portable Recorder



| Model No.  | AG-DVX200 | AJ-PX270 | AJ-PX230* <sup>1</sup> | AJ-PG50 | AG-AC90A* <sup>2</sup> | AG-AC8* <sup>1</sup> | HC-X1000 | HC-MDH2* <sup>1</sup> |
|------------|-----------|----------|------------------------|---------|------------------------|----------------------|----------|-----------------------|
| AG-VBR59   | ✓         | ✓        | ✓                      | ✓       | ✓                      | ✓                    | ✓        | ✓                     |
| AG-VBR89G  | ✓         | ✓        | ✓                      | ✓       | ✓                      | ✓                    | ✓        | ✓                     |
| AG-VBR118G | ✓         | ✓        | ✓                      | ✓       | ✓                      | ✓                    | -        | ✓                     |

✓: Available —: Not available

\*1: This model is not available in some areas.

\*2: These products have discontinued production.

\* The new battery packs cannot be used with the following models: AG-HPX250/HPX255/AC160A and AG-AC130A.

# New series battery packs and a new battery charger

## Battery Pack Specifications

As of March 2016



**Bundled**  
**CGA-D54**



**Bundled**  
**VW-VBD58**



**NEW**  
**AG-VBR59**



**NEW**  
**AG-VBR89G**



**NEW**  
**AG-VBR118G**

| Model                                   | Bundled CGA-D54        | Bundled VW-VBD58       | NEW AG-VBR59             | NEW AG-VBR89G            | NEW AG-VBR118G           |
|---|------------------------|------------------------|--------------------------|--------------------------|--------------------------|
| <b>Charging Time and Operation Time</b> |                        |                        |                          |                          |                          |
| Capacity                                | 5,400 mAh              | 5,800 mAh              | ▶ 5,900 mAh              | 8,850 mAh                | 11,800 mAh               |
| Operation Time of AJ-PX270*/PX230 *1*2  | Approx. 1 hours 25 min | Approx. 1 hours 30 min | ▶ Approx. 2 hours        | Approx. 3 hours 10 min   | Approx. 4 hours 10 min   |
| Operation Time of AG-DVX200 *1          | —                      | Approx. 2 hours 30 min | ▶ Approx. 2 hours 40 min | Approx. 3 hours 55 min   | Approx. 5 hours 15 min   |
| Charging Time with New AG-BRD50 Charger | Approx. 4 hours 55 min | Approx. 4 hours 55 min | ▶ Approx. 3 hours 20 min | Approx. 4 hours          | Approx. 4 hours 40 min   |
| Charging Time with AG-B23 Charger       | Approx. 6 hours        | Approx. 6 hours 20 min | ▶ Approx. 6 hours 25 min | Approx. 9 hours 20 min   | Approx. 12 hours 5 min   |
| <b>Weight and Dimensions</b>            |                        |                        |                          |                          |                          |
| Weight                                  |                        |                        | Approx. 230 g (0.507 lb) | Approx. 333 g (0.734 lb) | Approx. 441 g (0.972 lb) |
| Width                                   |                        |                        | 41.3 mm (1-5/8 inches)   | 41.3 mm (1-5/8 inches)   | 41.3 mm (1-5/8 inches)   |
| Height                                  |                        |                        | 51.3 mm (2 inches)       | 70 mm (2-3/4 inches)     | 90 mm (3-9/16 inches)    |
| Depth                                   |                        |                        | 69.6 mm (2-3/4 inches)   | 69.6 mm (2-3/4 inches)   | 69.6 mm (2-3/4 inches)   |

\*1: Continuous Recording Time \*2: This model is not available in some areas.

## Twice the capacity, twice the recording time.

The new series battery packs offer a larger capacity while remaining as small and lightweight as the previous models. The increased capacity results in about twice the recording time as compared to the previous battery packs (bundled with camera recorders). There are also three models with different capacities. The AG-VBR118G has the largest capacity and provides more than four hours of operating time when mounted on the AJ-PX270/230. The AG-VBR118G enables the AG-DVX200 to record continuously for more than five hours.

## About half the charging time.

### Two slots enable simultaneous charging of two battery packs.

Quick-charge for the new series battery packs is possible when the AG-BRD50 battery charger is used, reducing the charging time to about half as compared to the previous model. The AG-BRD50 has two slots for simultaneous charging of two battery packs.

## Compatible with the previous system.

The new series battery packs can be charged using the previous battery charger, the AG-B23.\* The new battery charger can be used to charge the previous battery packs, the VW-VBD58, VBD55 (CGA-D54) and VBD29.\* This allows flexible operation of your present system.

\* Quick-charge is not supported in either case.

## AG-BRD50 Specifications

As of March 2016

| <b>Battery Charger</b> |  |
|------------------------|--|
| Input voltage:         | DC 12 V (10.5 V to 13.5 V)   |
| Power consumption:     | 36 W   |
| Charging current:      | Max. 4000 mA   |
| Operating temperature: | 0 °C to 40 °C (32 °F to 104 °F)  |
| Operating humidity:    | 10 % to 80 % (no condensation)   |
| Weight:                | Approx. 225 g (0.496 lb)   |
| Dimensions (WxHxD):    | 130 mm × 48 mm × 107 mm<br>(5-1/8 inches × 1-7/8 inches × 4-3/16 inches) |
| <b>AC Adaptor</b>      |  |
| Input:                 | AC 100 V to 240 V, 50 Hz/60 Hz, 1.2 A                                    |
| Output:                | DC 12 V, 3.0 A   |
| Operating temperature: | 0 °C to 40 °C (32 °F to 104 °F)  |
| Operating humidity:    | 10 % to 90 % (no condensation)   |
| Weight:                | Approx. 210 g (0.463 lb)   |
| Dimensions (WxHxD):    | 115 mm × 36 mm × 57 mm<br>(4-1/2 inches × 1-7/16 inches × 2-1/4 inches)  |

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Factories of AVC Networks Company have received ISO14001:2004-the Environmental Management System certification. (Except for 3rd party's peripherals.)