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*1	AJ-PG50	AG-AC90A*2	AG-AC8*1	HC-X1000	HC-MDH2*1
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

Model	Bundled CGA-D54	Bundled VW-VBD58	NEW AG-VBR59	NEW AG-VBR89G	NEW AG-VBR118G
Charging Time and Operation Time					
Capacity	5,400 mAh	5,800 mAh	5,900 mAh	8,850 mAh	11,800 mAh
Operation Time of AJ-PX270*1/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
Weight and Dimensions					
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

Battery Charger	
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 (W×H×D):	130 mm × 48 mm × 107 mm (5-1/8 inches ×1-7/8 inches × 4-3/16 inches)
AC Adaptor	
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 (W×H×D):	115 mm × 36 mm × 57 mm (4-1/2 inches × 1-7/16 inches × 2-1/4 inches)

Panasonic®

Panasonic Corporation
AVC Networks Company
2-15 Matsuba-cho, Kadoma, Osaka 571-8503
Japan
http://pro-av.panasonic.net/

[Countries and Regions]

Argentina	+54 11 4122 7200	Kuwait	+96 522431385	Syria	+963 11 2318422/4
Australia	+61 (0) 2 9491 7400	Lebanon	+96 11665557	Taiwan	+886 2 2227 6214
Bahrain	+973 252292	Malaysia	+60 3 7809 7888	Thailand	+662 731 8888
Brazil	+55 11 3889 4035	Mexico	+52 55 5488 1000	Turkey	+90 216 578 3700
Canada	+1 905 624 5010	Mongolia	+976 70115577	U.A.E. (for All Middle East)	
China	+86 10 6515 8828	Netherlands, Belgium			+971 4 8862142
Hong Kong	+852 2313 0888		+31 73 640 2729	Ukraine	+380 44 4903437
Czech Republic	+421 (0) 903 447 757	New Zealand	+64 9 272 0100	U.K.	+44(0)1344 70 69 13
Denmark	+45 43 20 08 57	Norway	+47 67 91 78 00	U.S.A.	+1 877 803 8492
Egypt	+20 2 23938151	Pakistan	+92 5370320 (SNT)	Vietnam	+65 6277 7284
Finland, Latvia, Lithuania, Estonia		Palestine	+972 2 2988750		
	+358 (9) 521 52 53	Panama	+507 229 2955		
France	+33 (0) 1 47 91 64 00	Philippines	+65 6277 7284		
Germany, Austria, Switzerland		Poland	+48 (22) 338 1100		
	+49 (0) 6103 313887	Portugal	+351 21 425 77 04		
Greece	+30 210 96 92 300	Romania, Albania, Bulgaria, Macedonia			
Hungary	+36 (1) 382 60 60		+40 (0) 729 164 387		
India	+91 1860 425 1860	Russia & CIS	+7 495 9804206		
Indonesia	+65 6277 7284	Saudi Arabia	+96 626444072		
Iran		Singapore	+65 6277 7284		
(Vida)	+98 21 2271463	Slovak Republic, Croatia, Serbia,			
(Panasonic Office)	+98 2188791102	Bosnia, Montenegro, Slovenia			
Italy	+39 02 6788 367		+421 (0) 903 447 757		
Jordan	+962 6 5859801	South Africa	+27 11 3131622		
Kazakhstan	+7 727 298 0891	Spain	+34 (93) 425 93 00		
Korea	+82 2 2106 6641	Sweden	+46 (8) 680 26 41		

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ISO 14001 JACO EC98J2010 — UKAS MANAGEMENT SYSTEMS 051

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

SP-BATTPRE1

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