

# BP MICRO SERIES

## GENERAL PURPOSE VRLA BATTERY

**Voltage covers:** 2V, 6V, 12V

**Capacity:** From 0.8Ah to 28Ah

**Designed floating service life:** 5 years @ 20 °C/68 °F

### RANGE SUMMARY

The BP Micro series offers a 5 years full maintenance free design life. With a compact design and good reliability, this series is highly suited for security and alarm systems, UPS systems, emergency light systems and other small backup applications. The batteries comply to the most popular international standards, such as IEC896-2, BS6290-4, Eurobat Guide. The battery container and cover are available both in V0 class flame retardant ABS plastics.



### FEATURES AND BENEFITS

- 5 years design life in floating condition
- Wide operating temperature range from -15 °C to 50°C
- Can be used at vertical or horizontal orientation
- Balanced design for both floating and cyclic operation
- Low self-discharge rate and long shelf life

### APPLICATIONS

- Alarm Systems
- Communication Equipments
- Control Equipments
- Security Systems
- Medical Equipments
- UPS Systems
- Power Tools
- Emergency Power Systems
- Toys



Emergency Light

Security System

### SPECIFICATIONS >>

BATTERY TYPE	Nominal Voltage (V)	20Hr Capacity to 1.75Vpc (Ah)	External Dimension						Weight		Terminal			
			Length		Width		Height		Total Height		Approx(±3%)			
			mm	Inch	mm	Inch	mm	Inch	mm	Inch	Kgs	lbs	Type	Layout
BP6-1	6	1	51	2.01	42	1.65	51	2.01	56	2.20	0.25	0.55	F1	A
BP6-1.3	6	1.3	98	3.86	25	0.98	51	2.01	57	2.24	0.3	0.66	F1	C
BP6-2.8	6	2.8	66	2.6	33	1.3	97	3.82	103	4.06	0.55	1.21	F1	A
BP6-3.3	6	3.3	134	5.28	35	1.38	61	2.40	67	2.64	0.64	1.41	F1	C
BP6-4	6	4	70	2.76	47	1.85	101	3.98	107	4.21	0.71	1.57	F1	A
BP6-4.5	6	4.5	70	2.76	47	1.85	101	3.98	107	4.21	0.75	1.65	F1	A
BP6-5	6	5	70	2.76	47	1.85	101	3.98	107	4.21	0.81	1.79	F1	A
BP6-7	6	7	151	5.94	34	1.34	94	3.70	100	3.94	1.10	2.43	F1/F2	C
BP6-12	6	12	151	5.94	50	1.97	94	3.70	100	3.94	1.80	3.97	F1/F2	C
BP12-0.8	12	0.8	96	3.78	25	0.98	62	2.44	62	2.44	0.35	0.77	W1	
BP12-1.3	12	1.3	97	3.82	43	1.69	52	2.05	58	2.28	0.56	1.23	F1	E
BP12-2.2	12	2.2	178	7.01	35	1.38	61	2.4	67	2.64	0.96	2.12	F1	C
BP12-2.8	12	2.8	132	5.2	33	1.3	98	3.86	104	4.09	1.10	2.43	F1	C
BP12-3.3	12	3.3	135	5.31	67	2.64	60	2.36	66	2.6	1.24	2.73	F1	E
BP12-4	12	4	90	3.54	70	2.76	101	3.98	107	4.21	1.40	3.09	F1/F2	C
BP12-4.5	12	4.5	90	3.54	70	2.76	101	3.98	107	4.21	1.5	3.31	F1/F2	C
BP12-5	12	5	90	3.54	70	2.76	101	3.98	107	4.21	1.68	3.70	F1/F2	C
BP12-6.5	12	6	151	5.94	51	2.01	94	3.70	100	3.94	1.90	4.19	F1/F2	F
BP12-7	12	7	151	5.94	65	2.56	94	3.70	100	3.94	2.1	4.63	F1/F2	F
BP12-7.5	12	7.5	151	5.94	65	2.56	94	3.70	100	3.94	2.30	5.07	F1/F2	F
BP12-9	12	9	151	5.94	65	2.56	94	3.70	100	3.94	2.6	5.73	F1/F2	F
BP12-10	12	10	151	5.94	98	3.86	95	3.74	101	3.98	3.2	7.05	F1/F2	F
BP12-12	12	12	151	5.94	98	3.86	95	3.74	101	3.98	3.50	7.72	F1/F2	F
BP12-15	12	17	180	7.09	76	2.99	168	6.61	168	6.61	4.6	10.14	L2/M5	D
BP12-17	12	17	180	7.09	76	2.99	168	6.61	168	6.61	5	11.02	L2/M5	D
BP12-18	12	18	180	7.09	76	2.99	168	6.61	168	6.61	5.35	11.79	L2/M5	D
BP2-24	12	24	175	6.89	166	6.54	126	4.96	126	4.96	7.90	17.42	L3/M5	D
BP2-26	12	26	175	6.89	166	6.54	126	4.96	126	4.96	8.10	17.86	L3/M5	D
BP12-28	12	28	165	6.5	125	4.92	175	6.89	178	7.01	8.90	19.62	L4/M5	D