

CYCLIC GEL RANGE

Ideal in harsh conditions

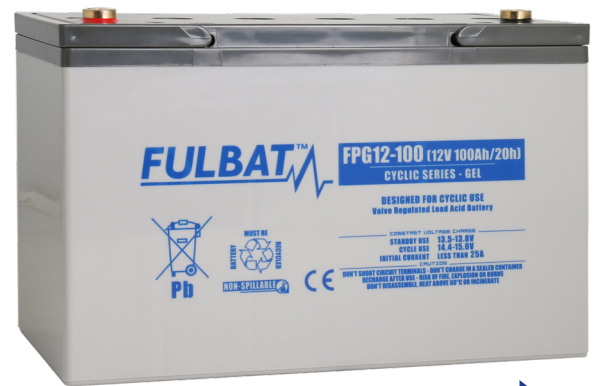
FPG Series are deep cycle batteries specially designed for long duration cyclic applications (where the battery is frequently charged and discharged), ie with use in charge and then intensive discharge.

With innovative GEL valve regulated technology and special plate design, the FPG Series ensure higher cyclic performance and higher recovery capability after deep discharge than cyclic AGM batteries.

GENERAL INFORMATIONS

- ↗ Use: cyclic use
- ↗ Technology: GEL (VRLA)
- ↗ Available voltage: 12V
- ↗ Capacities from 26Ah to 200Ah
- ↗ Cycle life:
 - Up to 550 cycles at 100% DOD* (50% capacity @20°C)
 - Up to 1100 cycles at 50% DOD* (50% capacity @20°C)
- ↗ Case material: ABS UL94-HB

*Depth Of Discharge



NON-SPILLABLE

**CYCLE LIFE
UP TO
1100**

FEATURES

- ↗ Maintenance free & non-spillable
- ↗ High cyclic performances: x3 compared to AGM standard batteries
- ↗ High recovery from deep discharge
- ↗ Very low self-discharge rate (about 2% per month at 20°C)
- ↗ Wide range of operating temperatures - superior to AGM
- ↗ Higher operating temperature & depth of discharge: ideal in harsh conditions
- ↗ Operation in any orientation (excluding continuous inverted use)
- ↗ Rugged impact resistance
- ↗ No electrolyte stratification phenomenon
- ↗ Low gas emission due to high gas recombination of 99% (VRLA)

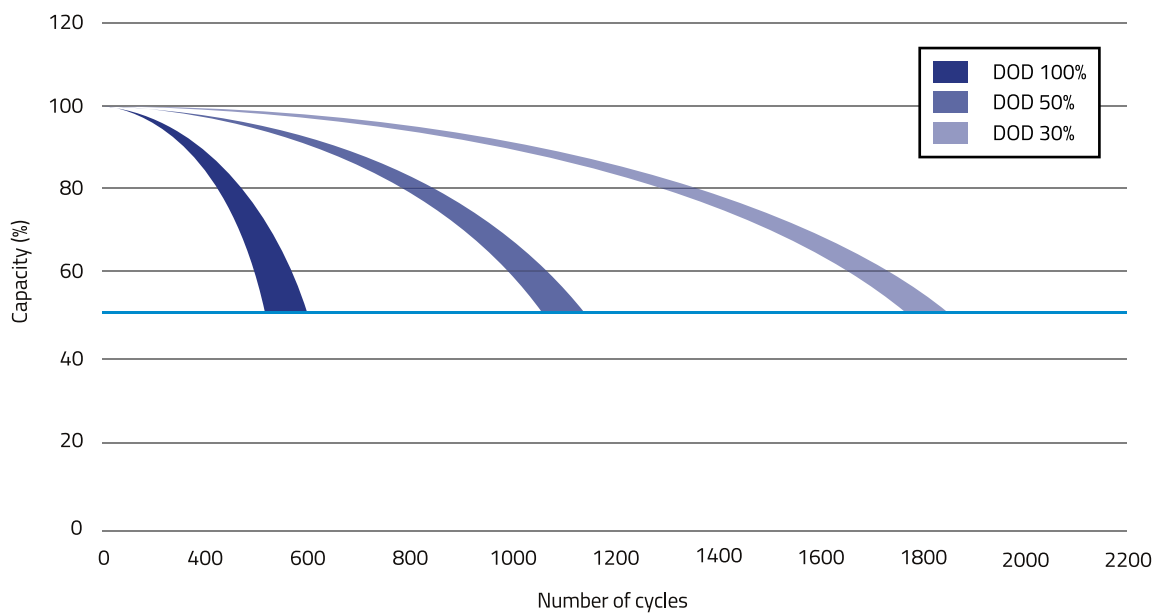


APPLICATIONS



Fulbat designation	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (10Hr)	Dimensions mm (±2mm)				Net weight (kg)	Terminals*	Layout*
				L	W	H	Total height			
FPG12-26	12	26	24.2	166	175	125	125	8.5	T12	2
FPG12-31	12	31	27.6	195	130	164	178	10.2	T6	1
FPG12-40	12	40	35	197	165	170	170	13.2	T6	2
FPG12-50	12	50	46.5	229	138	205	211	16.6	T6	1
FPG12-60	12	60	55	260	168	173	179	19.5	T6	1
FPG12-70	12	70	64.6	260	168	208	214	24.5	T6	1
FPG12-85	12	85	80	306	168	208	214	26.5	T6	1
FPG12-90 (L5)	12	90	84	353	175	190	190	26.2	Auto	2
FPG12-100	12	100	90	330	173	212	218	30.8	T11	1
FPG12-130	12	130	125	345	172	274	280	43.9	T11	1
FPG12-140	12	140	135	483	170	238.5	238.5	47.3	T11	1
FPG12-200	12	200	190	522	240	218	224	62.5	T11	3

CYCLE LIFE



PACKAGING

Are delivered in color box:

- FPG12-26
- FPG12-31



*Terminals / Layout p.14

TERMINALS & LAYOUTS RANGE

TERMINALS DETAILS

<p>T1 terminal Faston type (copper) quick disconnect tabs, silver coating for better conductivity</p>	<p>T2 terminal Faston type (copper) quick disconnect tabs, silver coating for better conductivity</p>	<p>T3 terminal Brass coated with tin</p>	<p>T5 terminal Lead</p>	<p>T6 terminal Copper, Threaded Insert 6mm stud</p>
<p>T9 terminal Lead</p>	<p>T11 terminal Copper, threaded Insert 8mm stud</p>	<p>T12 terminal Copper, threaded insert 5mm stud</p>	<p>Spring terminal Spring steel, fully collapsible</p>	<p>JST Toy battery connector H-Connector</p>

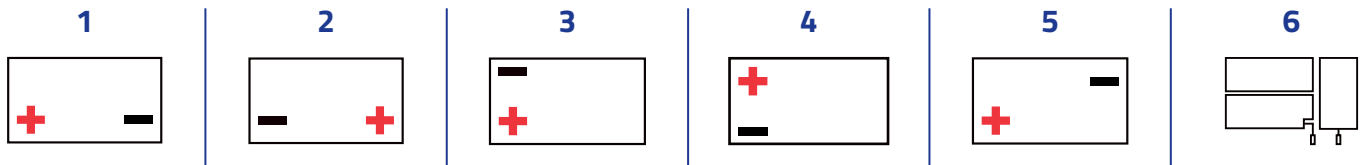
Bolts are included for each battery

(in mm)

3D TERMINALS

<p>T1 terminal</p>	<p>T2 terminal</p>	<p>T3 terminal</p>	<p>T5 terminal</p>	<p>T6 terminal</p>
<p>T9 terminal</p>	<p>T11 terminal</p>	<p>T12 terminal</p>	<p>T13 terminal</p>	<p>JST</p>

LAYOUTS



ACCESSORIES

<p>T11 to automotive adapter</p>	<p>T6 to automotive adapter</p>	<p>T1 to T2 adapter</p>
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MAIN BATTERIES BY APPLICATION

SECURITY

Fulbat designation	Technology	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (10Hr)	Dimensions mm (±2mm)				Net weight (kg)	Terminals*	Layout*
					L	W	H	Total height			
FP12-1.2VdS	AGM	12	1.2	1.1	97	43	52	58	0.57	T1	3
FP12-2.3	AGM	12	2.3	2.1	178	35	60	66	0.97	T1	1
FP12-3.2VdS	AGM	12	3.2	3.0	134	67	59.5	65.5	1.35	T1	3
FP12-7.2	AGM	12	7.2	6.7	151	65	93.5	99.5	2.04	T1	4
FP12-12	AGM	12	12	11.2	151	98	95	101	3.24	T2	4
FP12-18	AGM	12	18	16.7	181.5	76.5	167.5	167.5	5.4	T12	2

UPS

Fulbat designation	Technology	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (10Hr)	Dimensions mm (±2mm)				Net weight (kg)	Terminals*	Layout*
					L	W	H	Total height			
FP6-7.2	AGM	6	7.2	6.7	150	34	94	100	1.07	T1	1
FP12-5.4	AGM	12	5.4	5.0	90	70	101	107	1.65	T2	1
FP12-5.5	AGM	12	5.5	4.7	151	53	93	99	1.75	T2 + T1	4
FP12-9	AGM	12	9	8.3	151	65	93.5	99.5	2.47	T2	4
FP12-18	AGM	12	18	16.7	181.5	76.5	167.5	167.5	5.4	T12	2

MEDICAL

Fulbat designation	Technology	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (10Hr)	Dimensions mm (±2mm)				Net weight (kg)	Terminals*	Layout*
					L	W	H	Total height			
FP6-1.2	AGM	6	1.2	1.1	97	24	51.5	57.5	0.29	T1	1
FP6-3.2	AGM	6	3.2	3.0	134	34	60	66	0.67	T1	1
FP6-4.5	AGM	6	4.5	4.2	70	47	100	106	0.81	T1	5
FP6-10	AGM	6	10	9.3	151	50.5	94	100	1.54	T1	1
FP12-1.2VdS	AGM	12	1.2	1.1	97	43	52	58	0.57	T1	3
FP12-2.3	AGM	12	2.3	2.1	178	35	60	66	0.97	T1	1
FP12-3.2VdS	AGM	12	3.2	3.0	134	67	59.5	65.5	1.35	T1	3
FP12-7.2	AGM	12	7.2	6.7	151	65	93.5	99.5	2.04	T1	4
FP12-18	AGM	12	18	16.7	181.5	76.5	167.5	167.5	5.4	T12	2

MOBILITY

Fulbat designation	Technology	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (10Hr)	Dimensions mm (±2mm)				Net weight (kg)	Terminals*	Layout*
					L	W	H	Total height			
FPC12-13	AGM	12	13.9	13	151	98	95	101	4.05	T2	4
FPC12-20	AGM	12	20	18	181.5	76.5	167.5	167.5	6	T12	2
FPC12-26	AGM	12	26	24.2	165	176	125	125	8.5	T12	2
FPC12-35	AGM	12	35.4	33	195	130	164	182	11.65	T5	1
FPC12-40	AGM	12	40.8	38	197	165	170	170	14.2	T12/T6	2
FPG12-31	GEL	12	31	27.6	195	130	164	178	10.2	T5	1
FPG12-40	GEL	12	40	35	197	165	170	170	13.2	T6	2
FPG12-50	GEL	12	50	46.5	229	138	205	211	16.6	T6	1
FPG12-70	GEL	12	70	64.6	260	168	208	230	24.5	T6	1
FLP12-12	LiFePO4	12.8	-	12 (5Hrs)	151	98	95	100	1.68	T2	4
FLP12-36	LiFePO4	12.8	-	36 (5Hrs)	195	130	162	162	4.2	T6	1
FLP12-40	LiFePO4	12.8	-	40 (5Hrs)	195	165	175	175	5.8	T6	2

GOLF CADDY

Fulbat Designation	Technology	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (10Hr)	Dimensions mm (±2mm)				Net weight (kg)	Terminals*	Layout*
					L	W	H	Total height			
FPC12-20	AGM	12	20	18	181.5	76.5	167.5	167.5	6	T12	2
FPC12-26	AGM	12	26	24.2	165	176	125	125	8.5	T12	2
FPC12-35	AGM	12	35.4	33	195	130	164	182	11.65	T5	1
FPG12-26	GEL	12	26	24.2	166	175	125	125	8.5	T12	2
FPG12-31	GEL	12	31	27.6	195	130	164	178	10.2	T5	1
FLP12-36	LiFePO4	12.8	-	36 (5Hrs)	195	130	162	162	4.2	T6	1

*Terminals / Layout p.14