

CYCLIC AGM RANGE

Robust & long cycle life

FPC Series are deep cycle batteries specially designed for long duration cyclic applications (where the battery is frequently charged and discharged). With advanced AGM valve regulated technology and oversized negative plates, the FPC Series ensure very good cyclic performance with greater depth of discharge for mobility-type applications such as medical, golf and also renewable energies storage.

GENERAL INFORMATIONS

- ↗ Use: cyclic use
- ↗ Technology: AGM (VRLA)
- ↗ Available voltages: 6V - 12V
- ↗ Capacities from 8Ah to 200Ah
- ↗ Cycle life:
 - Up to 350 cycles at 100% DOD* (50% capacity @20°C)
 - Up to 800 cycles at 50% DOD* (50% capacity @20°C)
- ↗ Case material: ABS UL94-HB

*Depth Of Discharge



NON-SPILLABLE

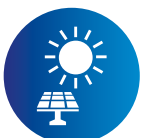


FEATURES

- ↗ Maintenance free & non-spillable
- ↗ High cyclic performances: x2 compared to AGM standard batteries
- ↗ Over dimensioned negative plate & enhanced conception for longer cycle life
- ↗ Good recovery from deep discharge
- ↗ Lead calcium grids for superior life
- ↗ Lower internal resistance for higher current discharge
- ↗ Low self-discharge rate (about 3% per month at 20°C)
- ↗ Wide range operating temperatures
- ↗ Operation in any orientation (excluding continuous inverted use)
- ↗ Robust construction: strong resistance to vibrations
- ↗ Low gas emission due to high gas recombination of 99% (VRLA)

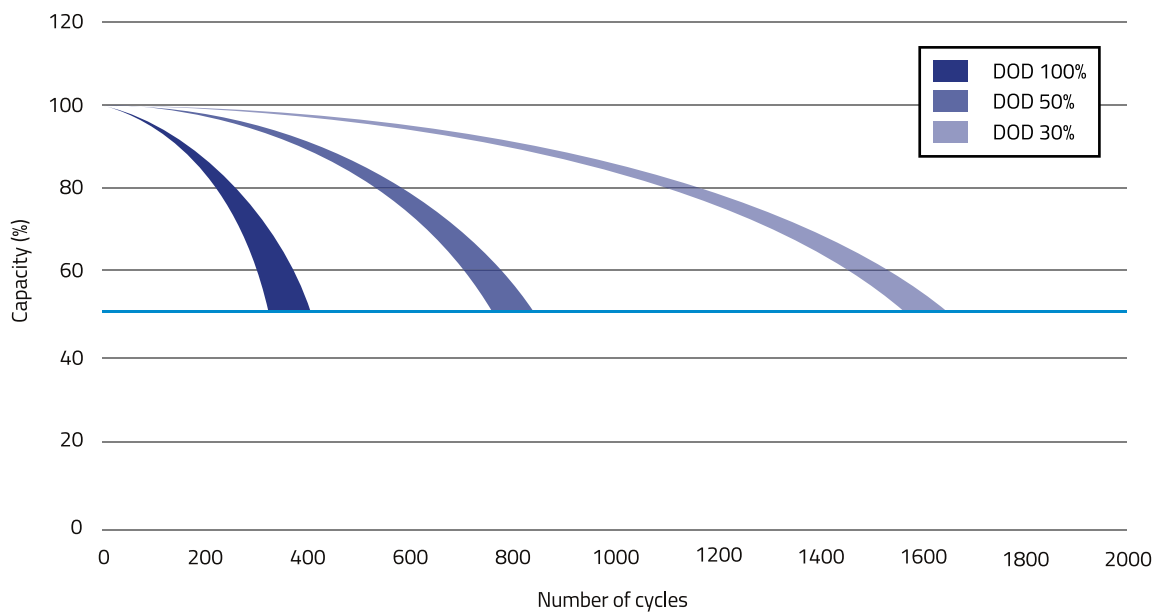


APPLICATIONS



Fulbat designation	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (10Hr)	Dimensions mm (±2mm)				Net weight (kg)	Terminals*	Layout*
				L	W	H	Total height			
FPC6-13	6	13.9	13	151	50.5	94	100	2.05	T2	1
FPC12-8	12	8	7.2	151	65	93.5	99.5	2.5	T1 / T2	4
FPC12-9	12	9	8	151	65	93.5	99.5	2.8	T2	4
FPC12-13	12	13.9	13	151	98	95	101	4.05	T2	4
FPC12-20	12	20	18	181.5	76.5	167.5	167.5	6	T12	2
FPC12-26	12	26	24.2	165	176	125	125	8.5	T12	2
FPC12-28	12	28	26	166	175	125	125	9.35	T12 / T6	2
FPC12-35	12	35.4	33	195	130	164	182	11.65	T5	1
FPC12-40	12	40.8	38	197	165	170	170	14.2	T6	2
FPC12-60	12	60	56	229	138	210	210	17.7	T6	1
FPC12-80	12	80.4	75	260	168	208	214	22.3	T6	1
FPC12-100	12	107.2	100	330	173	212	220	30.6	T11	1
FPC12-120	12	128.6	120	408	177	225	225	37.3	T11	1
FPC12-160	12	160.8	150	483	170	238.5	238.5	43.2	T11	1
FPC12-200	12	214.4	200	522	240	218	224	62.2	T11	3

CYCLE LIFE



PACKAGING

Are delivered in color box:

- FPC12-13
- FPC12-20
- FPC12-26
- FPC12-35



*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>

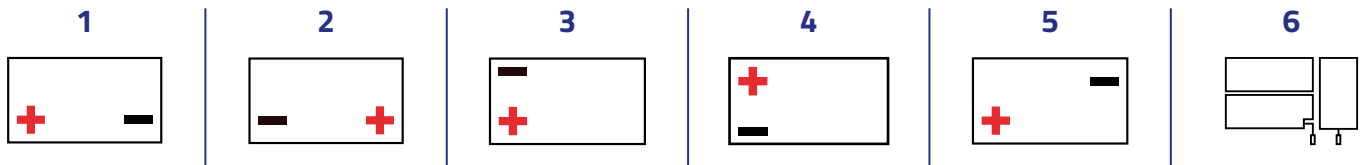
Bolts are included for each battery

(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>
----------------------------------	---------------------------------	-------------------------