

FLOODED RANGE

High performance & resistance

FDC Series are Deep Cycle liquid electrolyte batteries specifically designed for small traction applications (requiring deep discharges).

With robust design made of thick positive & negative grid plates in a special alloy, the FDC Series offer low self-discharge and ensure a long service life with high resistance to cycles.

GENERAL INFORMATION

- Technology: flooded lead acid
- Available voltages: 6V, 8V, 12V
- Capacities from 150Ah to 260Ah
- Cycle life:
 - Up to 800 cycles at 80% DOD* (50% capacity @20°C)
 - Up to 1100 cycles at 50% DOD* (50% capacity @20°C)
- Case material: polypropylene

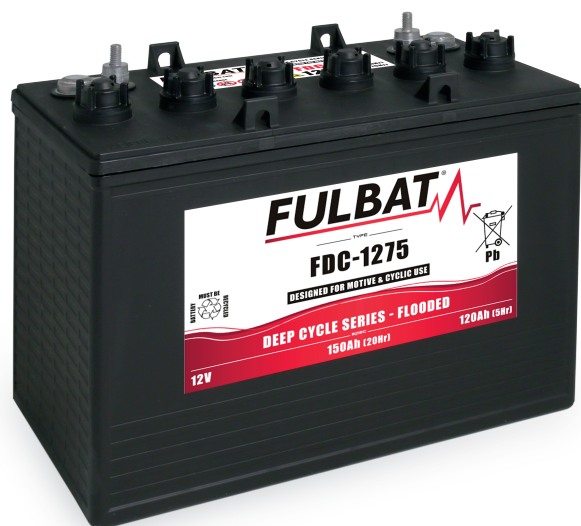
**Depth Of Discharge*



FEATURES

- Good deep discharge resilience performance
- Low self-discharge
- Low maintenance
- Polypropylene case material = shock-resistant & acid-resistant
- Terminals with special lead alloy designed for high vibration resistance
- Reinforced grid plates for optimal cyclic use
- Negative plate: 99.9% pure lead with hard paste feature, specific additives for deep cycle purpose
- Very good charging efficiency
- Lower water consumption and reduced thermal runaway possibilities
- Good performance under critical ambient temperature conditions

APPLICATIONS



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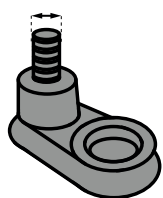


Designation	P/N	Voltage (V)	Capacity Ah (20Hr)	Capacity Ah (5Hr)	Reserve capacity (capacity minutes)		Dimensions (±2mm)				Polarity	Terminal
					@25A (min)	@75A (min)	L	W	H	Total height		
FDC-605	593001	6	210	175	383	105	259	179	245	276		EHPT
FDC-105	593002	6	225	185	447	115	259	179	245	276		EHPT
FDC-125	593003	6	240	195	488	132	259	179	245	276		EHPT
FDC-875	593005	8	170	145	295	75	262	181	245	276		EHPT
FDC-1275	593007	12	150	120	280	70	329	181	245	276		EHPT

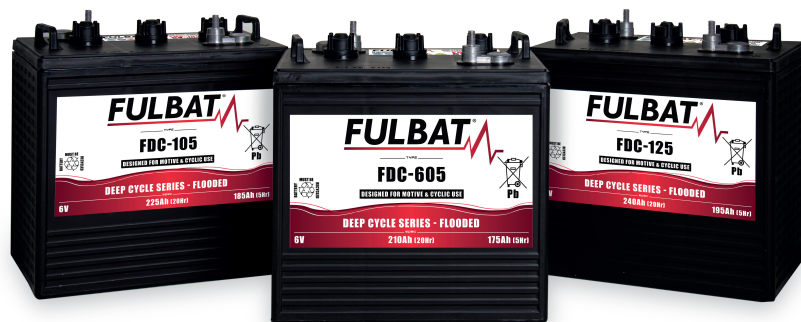
TERMINAL CONFIGURATIONS

EHPT (Embedded High Profil Terminal)

Ø 6.6mm



- Terminal height: 38mm
- Torque values: 11 – 12nm
- Bolt terminal: M8



CYCLE LIFE

