

FDCT6-185

Datasheet

FULBAT®
MOTIVE POWER BATTERY



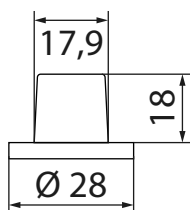
TUBULAR

FDCT Tubular Series are Deep cycle liquid electrolyte batteries specially designed for demanding applications requiring long service, high cycling performance and intensive discharge requirements. Built with positive tubular armor plates, the FDCT range delivers very high discharge capability and increased endurance, even under poor charging conditions. Thanks to their high productivity in severe working environments, FDCT Tubular batteries are ideally suited for applications such as aerial work platforms, electric stackers, cleaning machines and solar energy systems.

FEATURES

- » Excellent tubular plate construction with free electrolyte ensures long operating life
- » Very high cycling performance : Up to 1200 cycles (EN 60254-1 / 25°C – for traction battery)
- » High discharge capability
- » Excellent vibration resistance
- » Increased endurance even in cases of poor charging conditions
- » High productivity under severe working conditions

TERMINAL



SPECIFICATIONS

Voltage	Capacity	Reserve Capacity
6 V	260 Ah (100hr)	123 min (75A)
	240 Ah (20hr)	480 min (25A)
	185 Ah (5hr)	

OPERATING TEMPERATURE

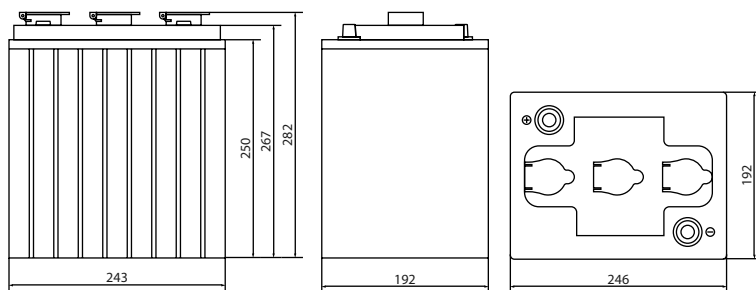
Discharge	-30°C ~ 45°C
Charge	0°C ~ 45°C
Storage	0°C ~ 25°C

CHARGING INSTRUCTIONS

Max current	37A
Float	6.72V
Cyclic	7.2V - 7.95V

DIMENSIONS & WEIGHT

Length	243±2mm
Width	192±2mm
Total Height	282±2mm
Gross weight	31.50kg



APPLICATIONS



Golf cart



Aerial work platform

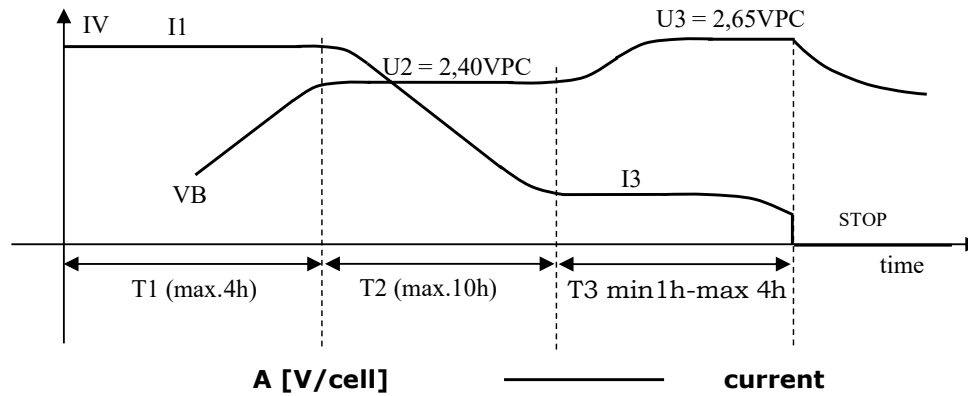


Floor cleaning machine

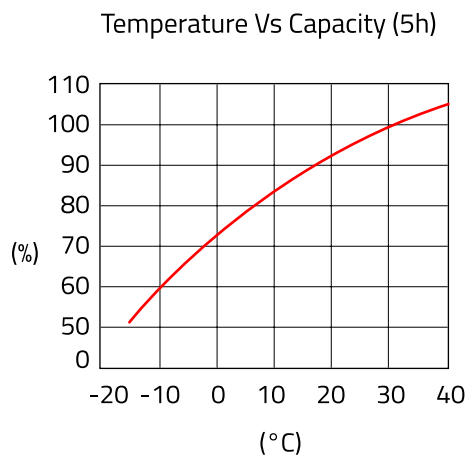


Solar

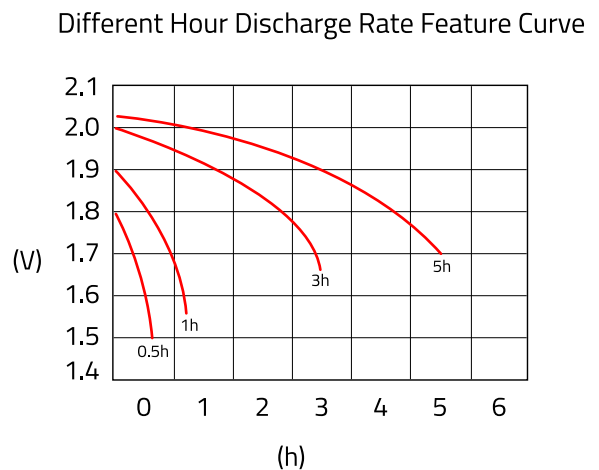
FDCT CHARGING PROFILE



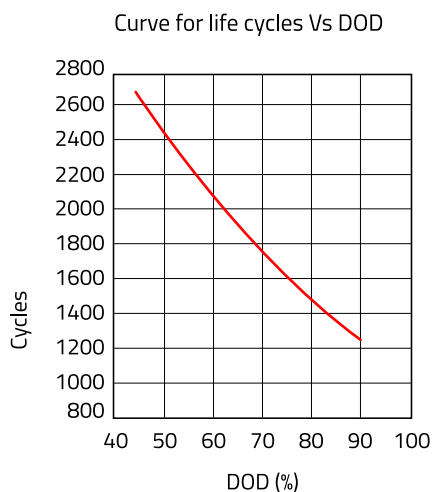
RELATIONSHIP OF TEMPERATURE & CAPACITY



DISCHARGE RATE



CYCLE LIFE IN RELATION TO DEPTH OF DISCHARGE



CHARGING VOLTAGE VS CHARGING TIME

