



VRLA DEEP CYCLE BATTERY

TECHORS SERIES INCLUDE VRLA BATTERY , AGM BATTERY, GEL BATTERY, SOLAR BATTERY, FRONT TERMINAL BATTERY, DEEP CYCLE BATTERY, ETC.

FIELDS:

TELECOMMUNICATIONS
EMERGENCY LIGHTING UPS
CONTROL SYSTEMS,
ELECTRIC TOYS,
EMERGENCY LAMP,
POWER TOOLS,
MEDICAL TREATMENT
EQUIPMENT,
ALARM SYSTEM,
EMERGENCY LIGHT SYSTEM, STANDBY POWER SYSTEM,
FIREFIGHTING EQUIPMENT STANDBY POWER SUPPLY,
RAILWAY SYSTEM, POWER STATION, SHIP
EQUIPMENT, MILITARY EQUIPMENT.



Battery Model	Nominal Voltage (V)	Capacity(Ah) 20hrs/25C	Approx Weight		Dimension							
					Length		Width		Height		Total height	
			kg	lbs	mm	inch	mm	inch	mm	inch	mm	inch
THD12-100	12	100	31.1	68.42	331	13.03	173	6.81	213	8.39	233	9.17

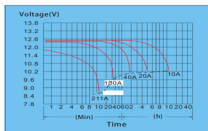
Specification

Nominal Voltage		12V
Rated capacity (10 hours rate)		100Ah
Dimension	Total Height	233mm(9.17 inches)
	Height	213mm(8.23 inches)
	Length	331mm(13.03 inches)
	Width	173mm(6.81 inches)
weight Approx		31.1 kg(68.42lbs)

Characteristics

Capacity 25 C(77F)	10 hour rate (0.45 A)	100AH
	5 hour rate (0.82A)	85AH
	1 hour rate (1.44A)	65AH
Internal resistance	1.5 hour discharge to 10.5v	40 A
	full charged Battery at 25 C (77F)	5 m D
Capacity affected by Temperature (10hour rate)	40C (104F)	102%
	25C (77F)	100%
	0C(32F)	85%
	-15C(5F)	65%
self-Discharge at25 C(77F)	capacity after 3 month storage	91%
	capacity after 6 month storage	82%
	capacity after 12 month storage	64%
Terminal	T10	
Charge (constant voltage)	cycle	Initial Charging current less than 40 A voltage 14.10-14.80v time 14-16h
	Float	Voltage 13.50-50-13.80V

Discharge Curves 25 c(77F)



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