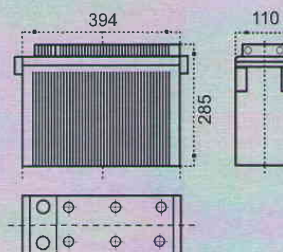


12 FT 100 (12V 100Ah)



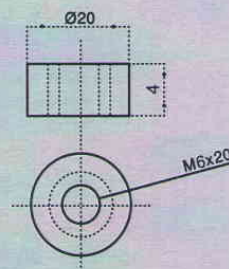
Outer Dimensions (mm)



Specifications

Nominal Voltage		12 V
Rated Capacity (10 Hour Rate)		100 Ah
Dimensions	Total Height	285 mm
	Height	285 mm
	Length	394 mm
	Width	110 mm
Container Material		ABS (UL94-HB/V0)
Weight Approx (±2.5%)		33 Kg

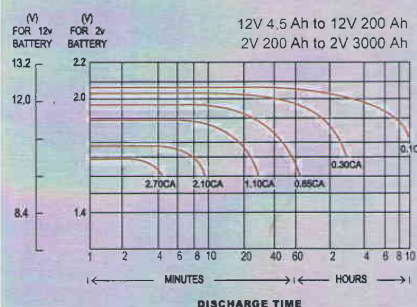
Terminal Type (mm)



Characteristics

Capacity 25°C (77°F)	10 hour-rate 3 hour-rate 1 hour-rate	100 Ah 75 Ah 55 Ah
Internal Resistance	Full Charge Battery at 25°C (77°F)	
	35°C	102 Ah
	25°C	100 Ah
	0°C	85 Ah
	-10°C	75 Ah
Self-Discharge at 25°C (77°F)	Capacity After The 3 Month of Storage	91 %
	Capacity After The 6 Month of Storage	82 %
	Capacity After The 12 Month of Storage	64 %
Charge Constant Voltage	Cycle	Voltage 2.40-2.45 / Cell
	Float	Voltage 2.23-2.25 / Cell

Discharge Curves 25°C (77°F)



Discharge and Final Voltage Table According to IEC60896-21 Standard

Discharge time	0.25 h	1 h	3 h	5 h	8 h	10 h
Final voltage	1.60 VPC	1.60 VPC	1.70 VPC	1.73 VPC	1.75 VPC	1.80 VPC

Constant Current (A) Discharge Table at 25°C (77°F)

Amount of Current (A)	Discharge Time					
	1 h	2 h		8 h	10 h	20 h
55		31.5	25		10	5.4

