



LEAD ACID BATTERIES 100Ah-12V



SPECIFICATIONS

Battery Type	:	TT100
Rated Capacity at 20 hour Rate	:	100Ah
Battery Nominal Voltage	:	12V
Dimensions		
Length	:	503±3mm
Width	:	189±2mm
Height up to Terminal	:	354±3mm
Fully Charged Battery		
Electrolyte Specific Gravity at 27°C	:	1.250±0.010
Battery Weight (with electrolyte)	:	50Kg.

ELECTRICAL PERFORMANCE

Capacity at 27°C	20 Hour Rate to 10.80V	100.0Ah
	10 Hour Rate to 10.80V	88.0Ah
	5 Hour Rate to 10.80V	73.3Ah
	3 Hour Rate to 10.80V	52.5Ah
	1 Hour Rate to 10.50V	31.5Ah
Loss of capacity on storage per month at 27°C		< 5.0%
Percentage (%) of Ampere-hour-Efficiency		> 92.0%
Percentage (%) of Watt-hour-Efficiency		> 78.0%

BATTERY CHARGING

Constant Voltage Charging (CV)	Maximum Charging current	20.0A
	Cyclic use	14.40±0.05V
	Float use	13.80±0.05V
Constant Current Charge (CC)	Maximum Charging current	10.0A

BATTERY DIMENSIONS

