



SUPERTECH
SUPERIEOR POWER

TALL TUBULAR BATTERY



MORE BACKUP



ULTRA LOW MAINTENANCE



QUICK RECHARGE



LONG LIFE



SUPERTECH

SUPERIEOR POWER

LEAD ACID BATTERIES 150Ah-12V

SPECIFICATIONS



Battery Type	:	TT150
Rated Capacity at 20 hour Rate	:	150Ah
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)	:	57.5Kg

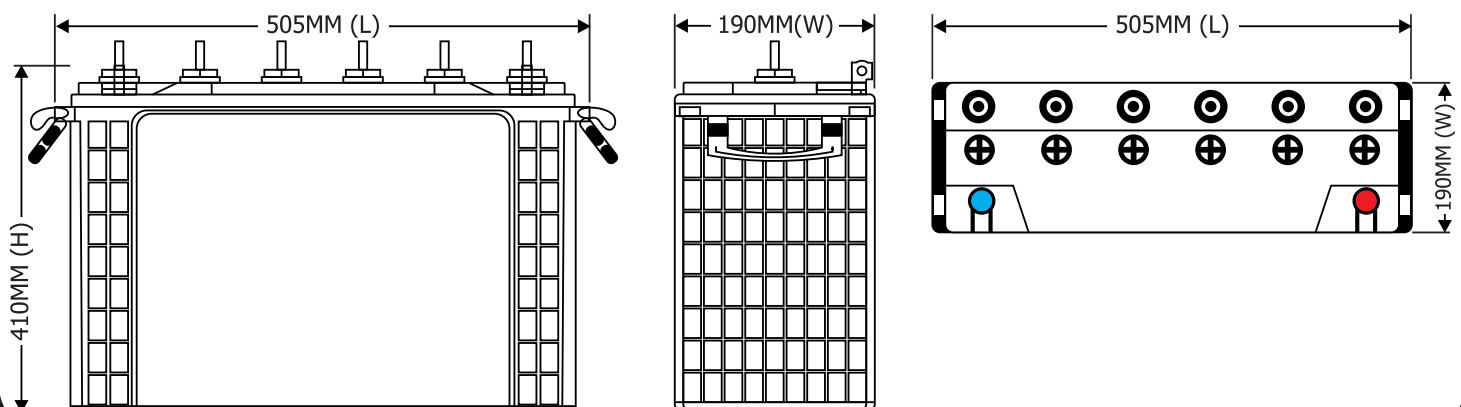
ELECTRICAL PERFORMANCE

Capacity at 27°C	20 Hour Rate to 10.80V	150.0Ah
	10 Hour Rate to 10.80V	132.0Ah
	5 Hour Rate to 10.80V	110.0Ah
	3 Hour Rate to 10.80V	95.0Ah
	1 Hour Rate to 10.50V	66.0Ah
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	30.0A
	Cyclic use	14.40±0.05V
	Float use	13.80±0.05V
Constant Current Charge (CC)	Maximum Charging current	15.0A

BATTERY DIMENSIONS



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LEAD ACID BATTERIES 200Ah-12V

SPECIFICATIONS



Battery Type	:	TT200
Rated Capacity at 20 hour Rate	:	200Ah
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)	:	64Kg

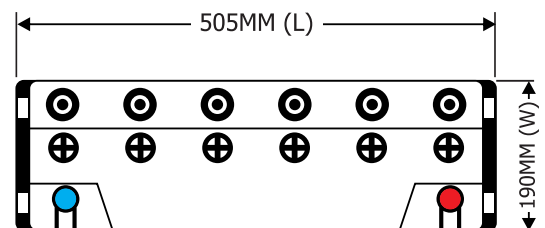
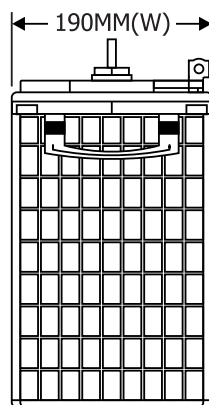
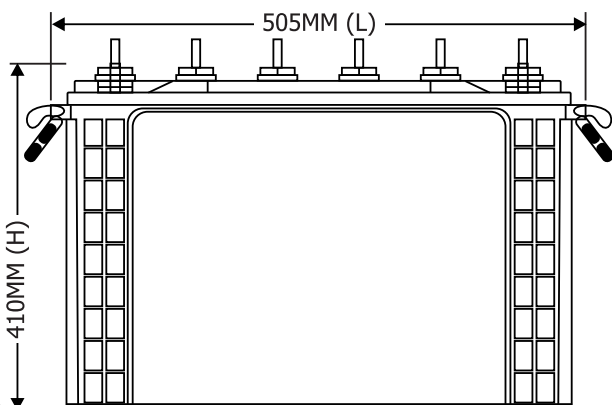
ELECTRICAL PERFORMANCE

Capacity at 27°C	20 Hour Rate to 10.80V	200.0Ah
	10 Hour Rate to 10.80V	167.5Ah
	5 Hour Rate to 10.80V	139.5Ah
	3 Hour Rate to 10.80V	120.0Ah
	1 Hour Rate to 10.50V	84.0Ah
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	38.0A
	Cyclic use	14.40±0.05V
	Float use	13.80±0.05V
Constant Current Charge (CC)	Maximum Charging current	19.0A

BATTERY DIMENSIONS



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LEAD ACID BATTERIES 240Ah-12V



Battery Type	:	TT250
Rated Capacity at 20 hour Rate	:	250Ah
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)	:	68Kg.

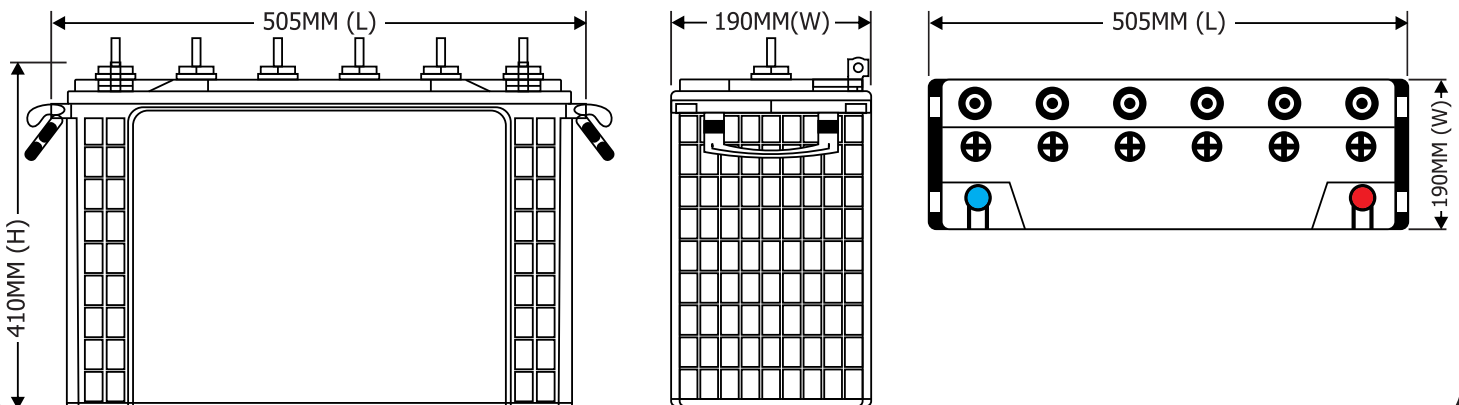
ELECTRICAL PERFORMANCE

Capacity at 27°C	20 Hour Rate to 10.80V	250.0Ah
	10 Hour Rate to 10.80V	211.0Ah
	5 Hour Rate to 10.80V	177.5Ah
	3 Hour Rate to 10.80V	153.5Ah
	1 Hour Rate to 10.50V	105.5Ah
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	42.0A
	Cyclic use	14.40±0.05V
	Float use	13.80±0.05V
Constant Current Charge (CC)	Maximum Charging current	21.0A

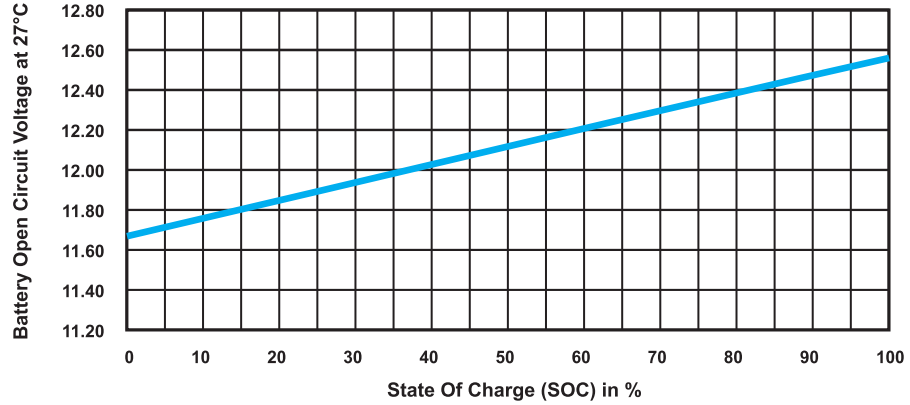
BATTERY DIMENSIONS



BATTERY CHARACTERISTICS

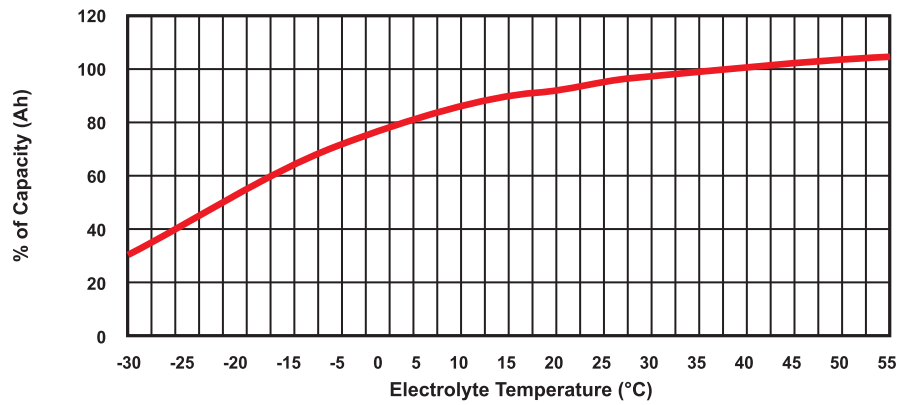
BATTERY SATE OF CHARGE (SOC)

Battery Open Circuit Voltage V/s. Stage Of Charge



BATTERY CAPACITY V/S. TEMPERATURE

Capacity V/s. Temperature



BATTERY LIFE CYCLES CHARACTERISTICS AT 27°C

Battery Capacity Vs No. of Cycles at Various DOD at 27°C

