SOLAR TUBULAR BATTERIES

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EURONET

Features:

- High Temperature Performance
- High Charge Acceptance
- Higher AH efficiency> 90% & WH efficiency > 80%
- Longer Life
- Rugged Performance
- Long Design Life
- Low Maintemnance

TECHNICAL SPECIFICATIONS

SPECIFICATIONS

Model		100Ah-12V	150Ah-12V	200Ah-12V	250Ah-12V
Battery Type		TT100	TT150	TT200	TT250
Rated Capacity at 20 hour Rate		100Ah	150Ah	200Ah	250Ah
Battery Nominal Voltage		12V	12V	12V	12V
Dimensions	Length	503±3mm	503±3mm	503±3mm	503±3mm
	Width	189±2mm	189±2mm	189±2mm	189±2mm
	Height up to Terminal	354±3mm	354±3mm	354±3mm	354±3mm
Fully Charged Battery	Electrolyte Specific Gravity at 27°C	1.250±0.010	1.250±0.010	1.250±0.010	1.250±0.010
	Battery Weight (with electrolyte)	50Kg.	55Kg.	60Kg.	63Kg.

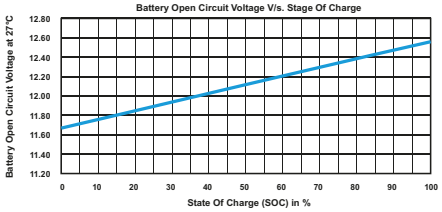
BATTERY CHARGING

Constant Voltage Charging (CV)	Maximum Charging current	27.0A	30.0A	38.0A	42.0A
	Cyclic use	14.40±0.05V	14.40±0.05V	14.40±0.05V	14.40±0.05V
	Float use	13.80±0.05V	13.80±0.05V	13.80±0.05V	13.80±0.05V
Constant Current Charge (CC)	Maximum Charging current	12.0A	15.0A	19.0A	21.0A

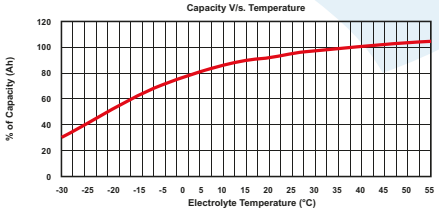
ELECTRICAL PERFORMANCE

Capacity at 27°C	20 Hour Rate to 10.80V	100.0Ah	150.0Ah	200.0Ah	250.0Ah
	10 Hour Rate to 10.80V	115.0Ah	132.0Ah	167.5Ah	211.0Ah
	5 Hour Rate to 10.80V	77.0Ah	110.0Ah	139.5Ah	177.5Ah
	3 Hour Rate to 10.80V	65.0Ah	95.0Ah	120.0Ah	153.5Ah
	1 Hour Rate to 10.50V	44.0Ah	66.0Ah	84.0Ah	105.5Ah
Loss of capacity on storage per month at 27°C		< 5.0%	< 5.0%	< 5.0%	< 5.0%
Percentage (%) of Ampere-hour - Efficiency		> 92.0%	> 92.0%	> 92.0%	> 92.0%
Percentage (%) of Watt-hour - Efficiency		> 78.0%	> 78.0%	> 78.0%	> 78.0%

BATTERY SATE OF CHARGE (SOC)



BATTERY CAPACITY V/S. TEMPERATURE



BATTERY LIFE CYCLES CHARACTERISTICS AT 27°C