

# Telecom batteries

heavy duty, front access

[www.victronenergy.com](http://www.victronenergy.com)



**Telecom Battery  
Battery AGM 12V 180Ah**

### Designed for telecom applications; excellent “floor space savers” for marine and vehicle applications

The deep cycle AGM telecom series has been designed for use in telecom systems. With front access terminals and small footprint, the batteries are ideal for racked systems. Similarly, these batteries can help solve limited floor space and access problems on board boats and vehicles.

### AGM technology

AGM stands for Absorbent Glass Mat. In these batteries the electrolyte is absorbed into a glass-fibre mat between the plates by capillary action.

### Low self-discharge

Because of the use of lead calcium grids and high purity materials, Victron VRLA batteries can be stored during long periods of time without recharge. The rate of self-discharge is less than 2% per month at 20°C. The self discharge doubles for every increase in temperature with 10°C.

### Low internal resistance

Accepts very high charge and discharge rates

### High cyclic life capability

More than 500 cycles at 50 % depth of discharge

### Learn more about batteries and battery charging

To learn more about batteries and charging batteries, please refer to our book ‘Energy Unlimited’ (available free of charge from Victron Energy and downloadable from [www.victronenergy.com](http://www.victronenergy.com)).



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12V AGM Telecom battery	100Ah	150Ah	180Ah
Capacity 1/3/5/10 hours (% of nominal)	66 / 83 / 90 / 100 (@ 70°F/25°C, end of discharge 10,5V)		
Capacity 10/20/30/40 min (% of nominal)	36 / 49 / 58 / 63 (@ 70°F/25°C, end of discharge 9,6V)		
Nominal capacity (77°F/25°C, 10,5V)	100Ah	150Ah	180Ah
Cold Cranking Amps @ 0°F/-18°C	1000	1500	1800
DIN cold start current (A) @ 0°F/-18°C	600	900	1000
Short Circuit Current (A)	3500	5000	6000
Reserve Capacity (minutes)	200	320	400
Shelf life @ 70°F/20°C	1 year		
Absorption voltage (V) @ 70°F/20°C	14,4 – 14,7		
Float voltage (V) @ 70°F/20°C	13,6 – 13,8		
Storage voltage (V) @ 70°F/20°C	13,2		
Float design life @ 70°F/20°C	8 -10 years		
Cycle design life @ 100% discharge	250		
Cycle design life @ 50% discharge	500		
Cycle design life @ 30% discharge	1000		
Dimensions (lxwxh, mm)	508 x 110 x 238	561 x 105 x 316	546 x 125 x 323
Dimensions (lxwxh, inches)	20,0 x 4,4 x 9,4	22,1 x 4,2 x 12,4	21,5 x 4,9 x 12,7
Weight (kg / pounds)	33 / 72	51 / 111	60 / 132