

### APPLICATIONS

Powerchairs / home mobility equipment  
Scooters, 3- and 4 wheels  
Toys for children  
Lifts (stairs / bathrooms)  
Personal Carriers  
Utility Vehicles

### SPECIFICATIONS

<b>Nominal Voltage</b>	12V	
<b>Nominal capacity @20 hour rate</b>	79Ah	
<b>Capacity at 25°C</b>	10 hour rate	71Ah
	5 hour rate	63Ah
	1 hour rate	53Ah
<b>Shelf time @20°C up to 70%</b>	in months	9
<b>Internal resistance (at 1 KHz)</b>	approx. 6,4 mΩ	
<b>Operating temperature for (dis)charge</b>	-15°C to + 40°C	

### DIMENSIONS

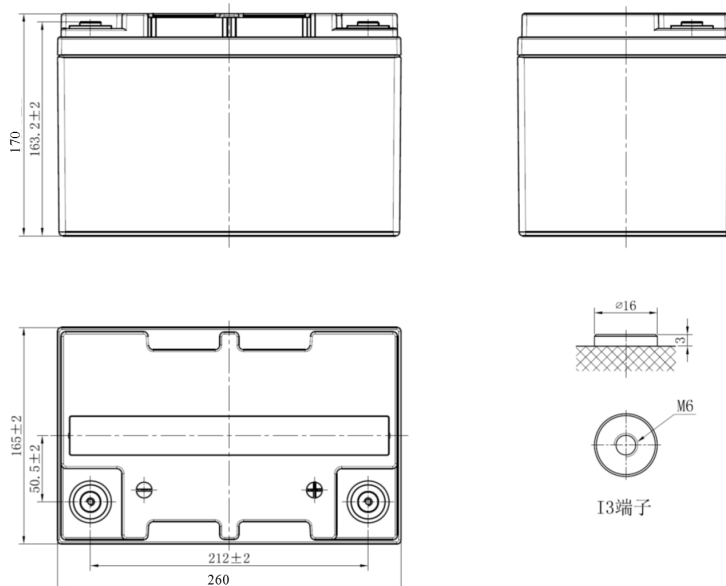
<b>Dimensions LxWxH (T) in mm</b>	260x165x170 (170)
<b>Weight</b>	20kg (±2%)
<b>Separator</b>	AGM, <b>Advanced Glass Matt</b>
<b>Case and cover</b>	ABS
<b>Terminal</b>	M6 Bolt
<b>Torque setting (recommended)</b>	M6 (copper): 7 Nm
<b>Maximum allowable torque value</b>	M6 (copper): 9 Nm

### CHARGING

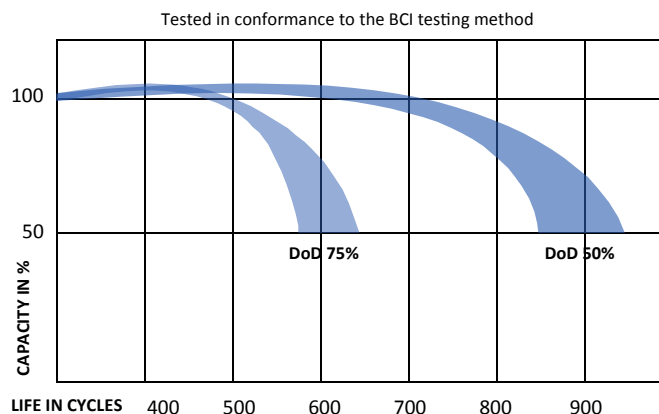
Charging Voltage cycle use 14,4 to 15,9 Volt  
Float charge Voltage 13,5 to 13,8 Volt  
Charging current, minimum 8A - maximum 15A

### CYCLE LIFE

To maximize the cycle life of the battery, we recommend to charge the battery fully after use. The total life of the battery, is very dependant on the correct charge and depth of discharge per cycle.



### BATTERY LIFE UNDER CYCLIC USE



\* Cycle life is measured with a discharge current 0,2C, charged 16h and rest capacity of 2/3 Cn