



## Technical Data Sheet (12V - 200AH Tall Tubular)

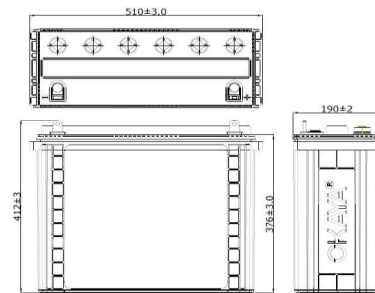
**Model Name: OPHT23036**

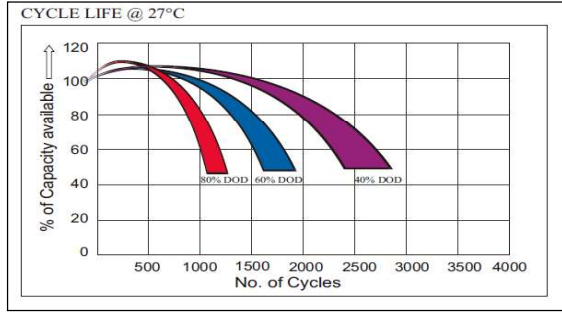
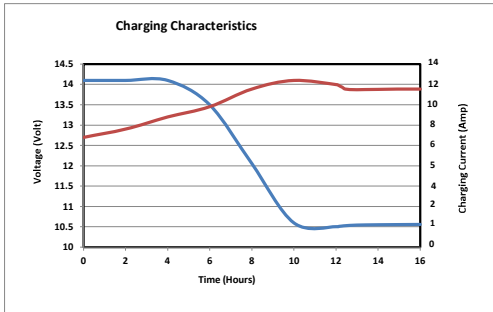
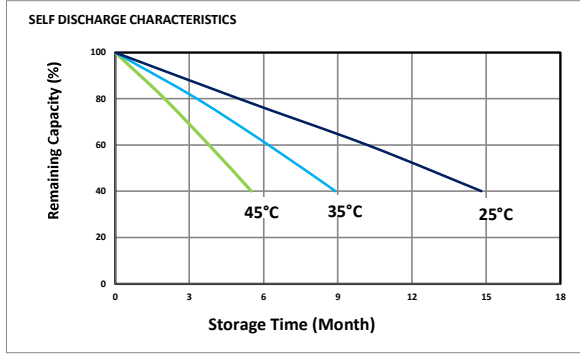
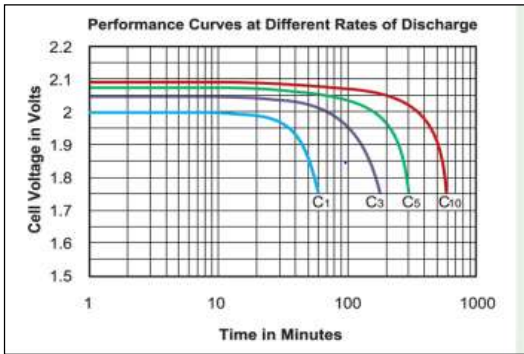
Specification		Battery Image
Nominal Voltage		12 V
Capacity ( 20HRS, 27°C )		200 AH
Dimension	Length (±3mm)	510 mm ( 20.07 inch )
	Width (±3mm)	190 mm ( 7.48 inch )
	Height (±3mm)	376 mm ( 14.80 inch )
	Total Height (±3mm)	412 mm ( 16.22 inch )
Approx Net Weight (±3%)		60.5 Kg ( 133.38 lbs)
Approx Gross Weight (±3%)		62.2 Kg ( 137.13 lbs)
Design Life		5 ~ 7 Years



Technical Features	APPLICATIONS
<ol style="list-style-type: none"> <li>1) HADI Tubular Technology</li> <li>2) Uniform micro hardness of Spine Grid</li> <li>3) Corrosion Resistant</li> <li>4) Long Life</li> <li>5) Highest reliability and Consistant Backup</li> <li>6) Very Low Self Discharge</li> <li>7) Suitable for deep cyclic applications</li> </ol>	<ol style="list-style-type: none"> <li>1) Home UPS/ Inverter</li> <li>2) Telecom Communication Equipments</li> <li>3) Fire Alarm &amp; Security Systems</li> <li>4) Medical Instruments</li> <li>5) Computer Backup</li> <li>6) Electronic PABX system</li> <li>7) Power plant and substations</li> <li>8) Process instrumentation and control</li> </ol>

Characteristics		Battery Dimensions
Capacity (@27°C)	20 HRS Rate	200AH
	10 Hrs Rate	180AH
	5 Hrs Rate	150AH
Nominal Backup @ 400 watt ( 27°C )		220min
AH Efficiency (%)		94.50
Wh Efficiency (%)		82.07
Self Discharge ( 27°C )	Capacity after 3 Month Storage	Remaining Capacity: 88%
	Capacity after 6 Month Storage	Remaining Capacity: 75%
Recombded Operating Temperature Range	Discharge	-15°C ~ 50°C
	Charge	-15°C ~ 50°C
	Storage	-15°C ~ 40°C
OCV at 100% SOC		12.60 - 12.70
Charge Methods ( CV Charge - 27°C )- Cyclic Use		Cycle Use 14.4 to 14.6 volt
		Max. Current 20A
		Temp Compensation 15mV/°C
Charge Methods ( CV Charge - 27°C )- Float Use		Standby Use 13.5 to 13.8 volt
		Max. Current 20A
		Temp Compensation 15mV/°C





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