



# 8 HPS 840

## PHYSICAL SPECIFICATIONS

Standards: DIN/EN 60254-1 – 60254-2 – 50272-2 – 50272-3 – 60896-11 - 61427

**Nominal Voltage: 2V**

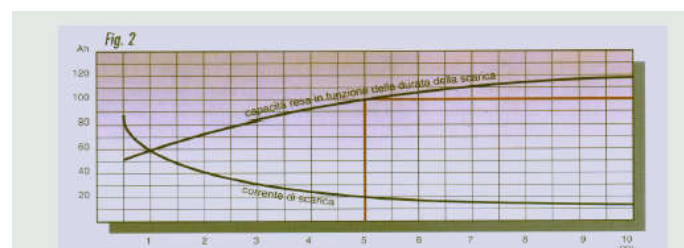
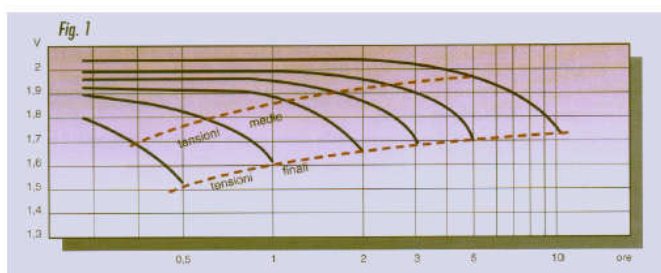
**Nominal Capacity (10Hr) : 840Ah**

**Standard Terminals : Bolt Type M10 female**

Dimensions	Length	198 ±2mm (B)
	Width	155 ±2mm (L)
	Box Height	523 ±2mm
	Total Height	552 ±2mm (H)

Weight 46,4 Kg ± 5% (with acid)

## Trend final discharge voltages at various speeds

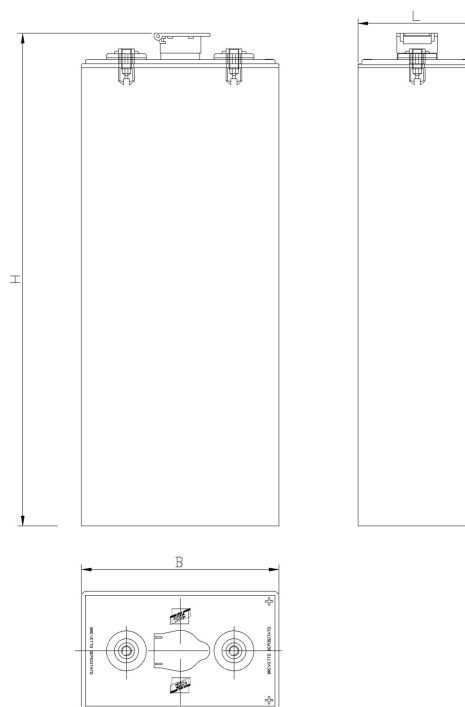


## ELECTRICAL SPECIFICATIONS

### Characteristics

## DIMENSIONAL SPECIFICATIONS

Capacity	10 hours rate Vfin 1,8 at 20°C	840 Ah
Capacity	120 hours rate Vfin 1,85 at 20°C	1092 Ah
Capacity affected by temperature	20°C	100%



## MATERIAL SPECIFICATIONS

STATIONARY CELLS  
VENTED CELLS  
LOW MAINTENANCE

LID: PP  
BOX: PP TRANSPARENT  
GRIDS: LEAD ALLOY  
PLATES: TUBULAR WITH A VERY LOW ANTIMONY CONTENT, TO REDUCE MAINTENANCE  
SEPARATOR: PE  
GAUNLET: TEXTILE  
ELECTROLYTE: SOLUTION OF SULPHURIC ACID (1260 g/l)  
LESS WATER CONSUMPTION  
LOWER VOLTAGE DROP  
CYCLES-LIFE: UP TO 1500 CYCLES DOD 80%

## ELECTRICAL CHARGE SPECIFICATIONS AT 20°C

MAXIMUM VOLTAGE CHARGE: 2,65 V