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# TECHNICAL DATA SHEET FOR TUBULAR GEL VRLA BATTERY



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## Benefits :

- SEALED MAINTENANCE FREE - NO TOPPING UP EVER.
- EXCELLENT DEEP DISCHARGE CAPABILITIES.
- HIGH RECHARGE EFFICIENCY.
- SUPERIOR CYCLE LIFE.
- LONG SHELF LIFE.
- LESS SENSITIVE TO TEMPERATURE.
- GREATER DESIGN LIFE - BEST VALUE FOR MONEY.
- SUPPLIED FACTORY CHARGED.

## Features :

- RANGE : 40/75/100/150/200 Ah
- SERVICE LIFE : 6 - 8 YEARS.
- CYCLE LIFE : 80% DOD-1200 CYCLES, 50% DOD-2200 CYCLES.
- APPLICATION : DEDICATED FOR SOLAR, STAND-BY AND UPS APPLICATION.

## Photograph:



**6PP GEL 100-12V (12V-100AH)  
GEL BATTERY**



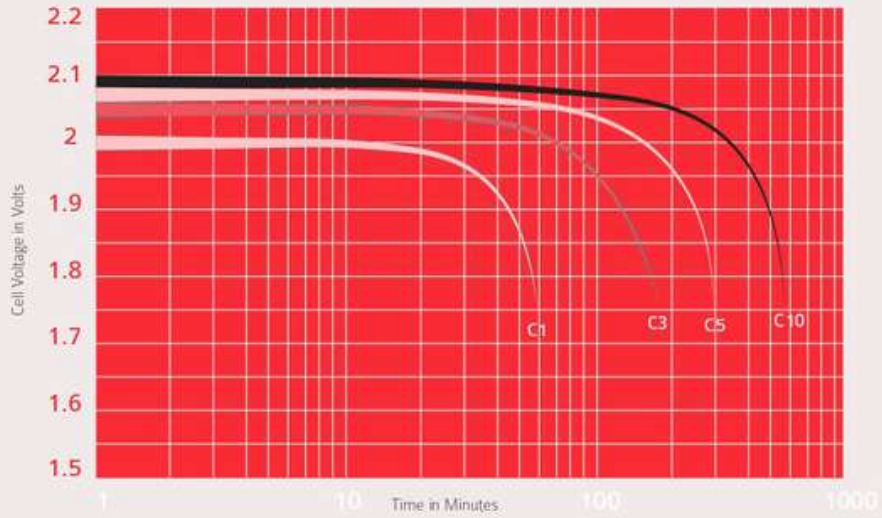
**6PP GEL 200-12V (12V-200AH)  
GEL BATTERY**

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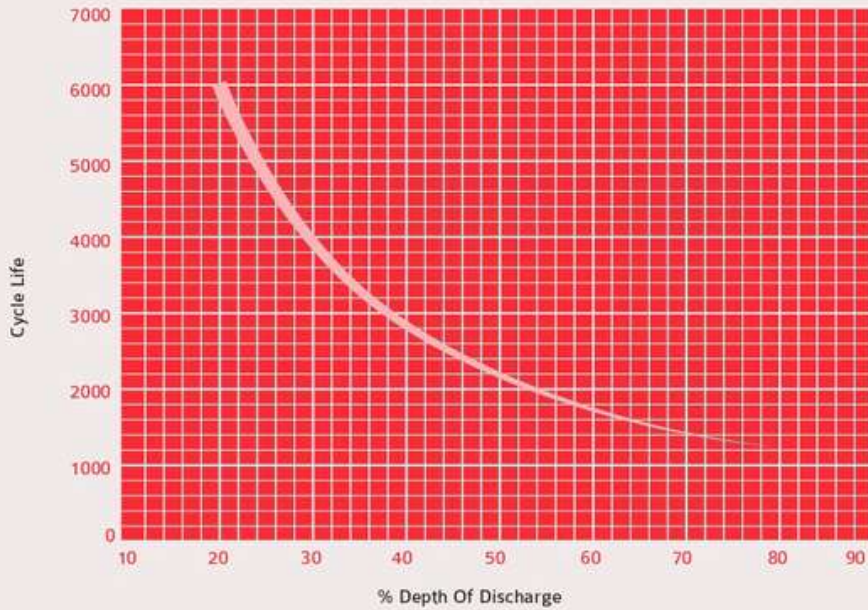


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**PERFORMANCE CURVES AT DIFFERENT RATES OF DISCHARGE**



**CYCLE LIFE VERSUS DOD FOR 12V GEL**



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## Technical Specifications :

Battery Type	Nominal Voltage (V)	Rated Capacity (Ah) at 27 C		Weight (Kg.)±5%	(Dimensions in mm)		
		C10- 1.75V/cell	C20- 1.75V/cell		Length±5	Width±5	Height±5
6PPGEL40-12	12	40	42	20.68	353	169	231
6PPGEL65-12	12	65	65	25.53	353	169	131
6PPGEL75-12	12	75	75	37.35	532	171	265
6PPGEL100-12	12	100	100	42.70	532	171	265
6PPGEL120-12	12	120	120	45.89	532	171	265
6PPGEL150-12	12	150	165	63.44	532	250	242
6PPGEL200-12	12	200	220	80.16	430	285	405

## Applications :



TELECOM



EMERGENCY LIGHTING



RURAL ELECTRIFICATION



SOLAR STREET LIGHTING



SOLAR HYBRID POWER SYSTEMS



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