

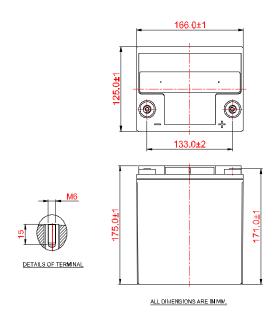
Specifications

	Item	Specification			
	General Information				
1.	Battery Type & Model	Sealed Maintenance-free VRLA Battery; Model: OPTI 26			
2.	Nominal Capacity at 20 hr rate to end 10.5V/bloc at 25° C	26 Ah			
3.	Nominal Voltage of Monobloc	12V			
4.	Normal operating temperature	+20°C to +30°C			
5.	Operating Temperature Limits	-20°C to +50°C			
	Mechanical Data				
6.	Dimensions in mm	See Figure 1 below			
7.	Weight in kgs	9.0 Kg (approx)			
	Electrical Data				
8.	Ampere-hour efficiency	95% (minimum)			
9.	Watt-hour efficiency	85% (minimum)			
10.	Charging Voltage				
	a) Stand by Application	Boost: 14.0 V per battery at 25° C			
		Float: 13.7 V per battery at 25° C			
		Single setting: 13.8 V per battery at 25° C			
	b) Cyclic Application	14.1 V per battery at 25° C			
11.	Charging Current Limit	2.6 A (minimum) in Constant Voltage mode			
	<u>Design Data</u>				
12.	Type of plate	Flat pasted			
13.	Type of Separator	Absorptive Glass Mat (AGM)			
14.	Material of container and lid	ABS			
15.	Type of vent seal	Bunsen type, Self-resealing & pressure regulating			
16.	Electrolyte	Dilute sulphuric acid in totally absorbed condition			

Constant current discharge performance data @ 25° C:

ECV	ECV	Discharge currents (Amps)							
ECV		10 min	15 min	30 min	1 Hour	3 Hour	5 Hour	10 Hour	20 Hour
1.75	5	49.0	39.5	25.3	15.9	6.4	4.32	2.41	1.30

Figure 1:



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