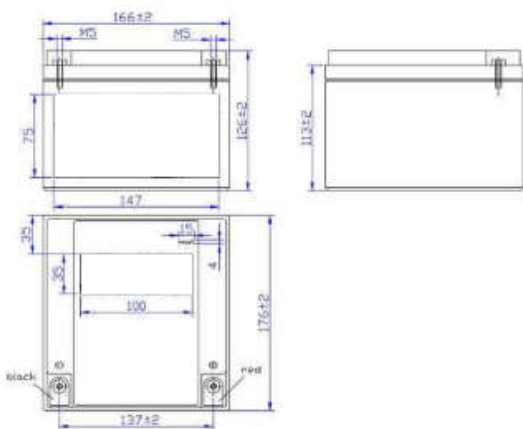




FHP 12-26

DIMENSIONAL FEATURES

Nominal Voltage Nominal Capacity (20 hours)		12V 26Ah (Vfin 1,8Vpc at 20°C)	Tecnology: AGM VRLA Alloy: Pb/Ca Typology of plates: flat Temperature exercise: from -10°C to +50°C Battery sealed no maintenance Safety valves VRLA (a valve per each cell) Box and lid material ABS according UL94:V0 IEC 707 Design life >10-12 years (at 20°C) HP High Performance Standards : IEC CEI EN 60896 Parts 21 and 22
Dimensions	Length	176 ±2mm	
	Width	166 ±2mm	
	Box Height	125 ±2mm	
	Total Height	125 ±2mm	
Drawing n° 400261-0		Weight 9,35 Kg ± 5%	
Standard Terminal		Female screw type: M6	



ELECTRIC FEATURES

Characteristics			Discharging curves (20°C)	
Capacity	20 hours (1,8Vfin pc at 20°C)	26,00Ah		
	10 hours (1,8Vfin pc at 20°C)	24,00Ah		
	5 hours (1,7Vfin pc at 20°C)	21,05Ah		
	3 hours (1,7Vfin pc at 20°C)	19,41Ah		
	1 hour (1,6Vfin pc at 20°C)	18,91Ah		
Temperature influence on the capacity	40°C	102%		
	20°C	100%		
	0°C	85%		
Internal Resistance 10 mΩ±10%		SCC 550 A ±10%		
Constant Charging Voltage	Cyclic use	Initial Charging Current less than 7,2A Voltage 14.70~15.00V at 20°C Temperature Coefficient -30 mV/°C		
	Stand-by use	No limit on Initial Charging Current Voltage 13.60~13.80V at 20°C Temperature Coefficient -20 mV/°C		

Discharge Table at constant Current (Amp) and constant Power (Watt/cell) at 20°C

V _{final} /Time		5min	10min	15min	20min	30min	45min	60min	90min	2hours	3hours
9,90V	A	100,07	64,88	50,68	41,87	29,99	21,24	17,63	11,20	9,27	6,61
	W	209,15	134,52	101,88	77,90	61,75	44,58	35,34	23,50	19,34	13,75
10,2V	A	93,67	61,75	48,68	38,77	28,77	20,61	16,88	10,18	8,96	6,47
	W	199,90	129,19	99,20	75,20	58,24	43,14	33,32	22,78	18,70	12,82
10,8V	A	81,58	55,15	45,28	34,19	25,90	18,95	15,23	8,94	7,94	6,01
	W	187,61	121,18	96,00	72,67	56,13	41,37	31,62	21,82	17,85	12,41