

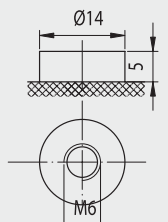
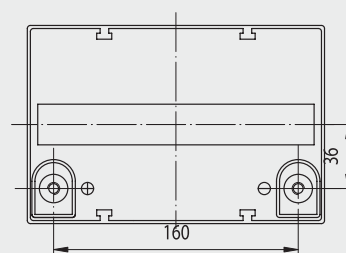
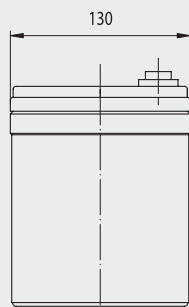
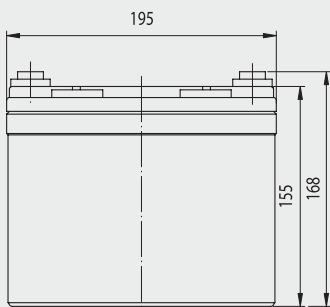


VRLA Battery **SPB 12-33**

Specifications	Nominal Voltage	12 V				
	Rated Capacity (25 °C)	20hr Rate (1,80V/cell)	10hr Rate (1,80V/cell)	5hr Rate (1,70V/cell)	1hr Rate (1,60V/cell)	
		34 Ah	33 Ah	32 Ah	21 Ah	
	Dimensions (mm) & Weight (kg)	Length	Width	Height	Overall Height	Weight
		195mm	130mm	155mm	168mm	10,20 kg
	Number / Type of Terminals	2 / M6				

Technical Characteristics

Design Life at 20°C	10-12 years	
Eurobat Classification	High Performance	
Internal Resistance (Fully charged - 25°C)	10 mΩ	
Short-circuit current	850 A	
Max Charging Current	9,9 A	
Min safe end Discharge Voltage	1,60 V/cell	
Self discharge per month at 20°C	3%	
Recommended Charging Voltage at 20°C	Stand-by use (V/cell): 2,25 to 2,30	Cycle use (V/cell): 2,40 to 2,50
Container Material	ABS-UL94 HB	
Electrolyte Type	Sulfuric Acid	
Type of plates / Alloy	Flat plates / Lead-Calcium-Tin alloy	
Type of Separator	Absorbant Glass Mat	
Valve Type / Operational Pressure	Rubber / 1-3 psi (70-200 mbar)	
Operating Temperature Range	-20 to + 50°C	
Storage time at 20°C	9 months	



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