



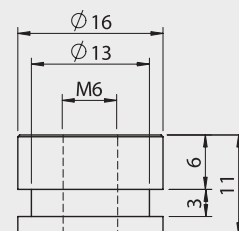
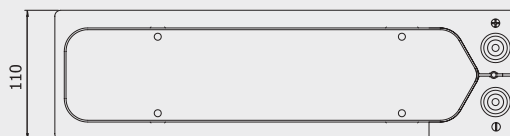
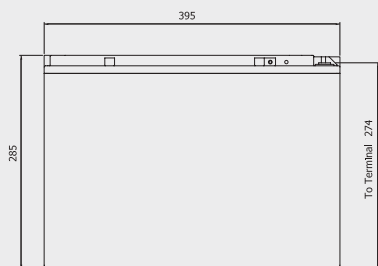
VRLA Battery **STB 110 FA GEL**

Specifications

Nominal Voltage	12 V				
Rated Capacity (20 °C)	20hr Rate (1,80V/cell)	10hr Rate (1,80V/cell)	5hr Rate (1,70V/cell)	1hr Rate (1,60V/cell)	
	106 Ah	98 Ah	88,5 Ah	71,7 Ah	
Dimensions (mm) & Weight (kg)	Length	Width	Height to terminal	Overall Height	Weight
	395 mm	110 mm	274 mm	285 mm	34,52 kg
Number / Type of Terminals	2 / M6				

Technical Characteristics

Design Life at 20°C	12+ years
Eurobat Classification	Long Life
Internal Resistance (Fully charged - 20°C)	3,2 mΩ
Short-circuit current	2600 A
Max Charging Current	25 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 FVO
Electrolyte Type	Gelled Sulfuric Acid
Type of plates / Alloy	Flat plates / Lead-Calcium-Tin alloy
Type of Separator	Microporous Duroplastic GEL
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
Gas Collection System	Central Degassing on Request



GERMANOS S.A.
23rd klm. National Road Athens-Lamia
145 65 Ag. Stefanos Attica, Greece
Tel.: +30 210 6242000
Fax: +30 210 6216911

SUNLIGHT Manufacturing Plant
Neo Olvio
67 200 Xanthi, Greece
Tel.: +30 25410 48100
Fax: +30 25410 95446

 **SUNLIGHT**
creating energy
www.sunlight.gr