



ASSAD

BATTERIES INDUSTRIELLES

TECHNICAL DATA SHEET

12SLG100

GEL DEEP CYCLE

12 V 105 AH



- Valve regulated lead acid batteries, sealed. With gelled sulphuric acid.
- Recommended for photovoltaic installations.
- Gel batteries advantages :
 - Ideal for use in cycling.
 - Excellent performances during slow discharges.
 - Good tolerance to high temperatures.
 - No stratification by using an immobilized electrolyte.
 - Maintenance-free battery.
 - Very low self-discharge.
 - Convenient Ford terminals for serial or parallel mounting.
 - Plugs fitted with valves to regulate the internal pressure.



General characteristics :			
Brand	ASSAD SOLAR	Origin	Tunisia
Technology	VRLA - GEL	Box / Cover	Polypropylene
Terminal type	Ford	Positive and negative plates	flat
Lead purity	99,985%	maintenance frequency	maintenance-free
Electric characteristics			
Nominal voltage (V)	12V	Nominal current (A)	0,1C
Minimal discharge voltage (V)	10,50 V	Charge voltage (V)	14,40 V
Capacity at 25°C (Norme CEI)			
C20 (Ah) (1,75 Vpc)	100	C100 (Ah) (1,85 Vpc)	105
C120 (Ah) (1,85 Vpc)	115		
Cycle life (cycles number) at 25°C			
20% DOD	1700	50% DOD	810
Operating conditions			
Optimum operating temperature °C	25°C	Maximum operating temperature °C	45°C
Weight			
Weight (Kg)	35		

Dimensions	
L	344 mm
I	172 mm
H	276 mm

