

Characteristics

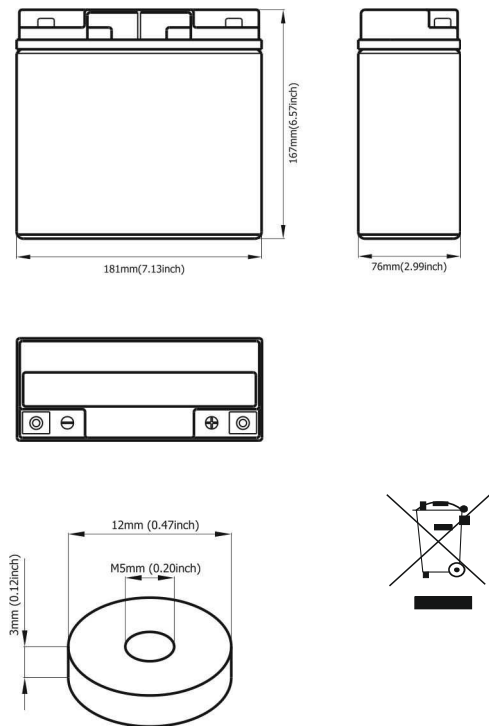
High quality, maintenance-free VRLA AGM batteries
 They are made in lead-acid technology with safety valves,
 The electrolyte is embedded in a glass mat. Ideally suited to
 Buffer operation, especially for use in UPS systems



Technical data

MODELS	IPS 18-12
INPUT	
Nominal voltage	12V
Nominal capacity (C20)	18Ah
Service life	6-9 year (for work in 20-25°C)
MECHANICAL PARAMETERS	
Weight	5.65 kg
Length	181 mm
Width	76 mm
Height	167 mm
Total height	167 mm
Connector	female thread M5
Characteristics	
Capacity for 25°C and cut-off voltage 10.5V	20h – 18 Ah 10h – 16.6 Ah 5h – 16.1 Ah
Internal resistance	12 mΩ
Capacity	100% (dla 20°C) 85% (dla 0°C) 65% (dla -15°C)
Self-discharge	91% (3 m-ce) 82% (6 m-cy) 64% (12 m-cy)
Charging stand by use	13.5 – 13.8 V
Charging cyclic use	14.4 – 15 V
Cyclic work	Till 500 cycles (Max discharge 50%)
Max. charge current	7A
Max. discharge current	180A (max. 5 sek)
OTHERS	
Packing	4pcs cartoon/ 200 pcs. pellet
Technology	VRLA AGM
Temp. Work, chare, store	-20°C 50°C
NORMS	
PN-EN 60896-21:2007 , PN-EN 60896-22:2007 PN-EN 61056-1:2008 , PN-EN 61056-2:2003(U) PN-E-83016:1999	

Technical drawing:



Discharge characteristics:

