AGM/VRLA Battery IPSH 9-12L

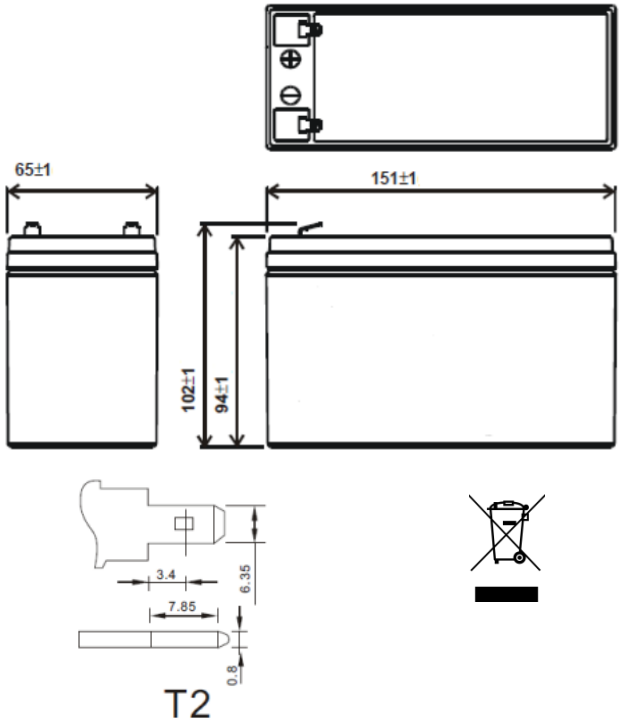
Characteristic

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. Possible
There is also autonomous work - cyclic.

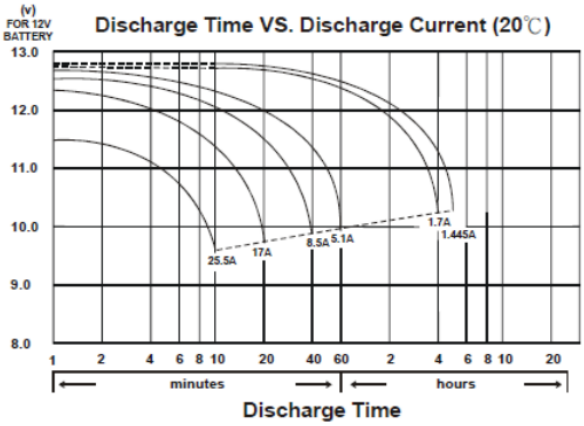
Technical data

MODEL	IPSH 9-12L
INPUT	
Nominal voltage	12V
Nominal capacity (C20)	9,0Ah
Service life	6-9years service life (work in 20-25°C
MECHANICAL PARAMETERS	
Weight	2,75kg
Lenght	151mm
Width	65mm
Height	94mm
Total height	102mm
Connector	Fast-on T2 (6,3mm)
CHARACTERISTIC	
Capacity for 25 ° C and cut-off voltage 10.5 V	290W – 10min 216W – 15min 120W – 30min
Internal resistance	16mΩ
Capacity	100% (for 20°C) 80% (for 0°C) 65% (for -15°C)
Self-discharge	91% (3 months) 82% (6 months) 64% (12 months)
Charging standby use	13,5 – 13,8V
Charging cyclic use	14,4-15,00V
Cyclic work	Do 500 cykli (max discharge 50%
Max. charge current	2,7A
Max. discharge current	135A (max. 5 sec)
OTHERS	
Packing	5pcs cartoon/ 420 szt. pallet
Technology	VRLA AGM
Temp. Work, charge, 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:



Discharge table for output current

MWH 9-12L Cut-off Voltage:	Discharge Rates in Amperes to Various End Voltages at 25℃ End Voltage					
	11,1V	10,8V	10,5V	10,2V	9,9V	9,6V
5 min	30,5A	32,6A	35A	36,7A	38,5A	40,3A
10 min	19,1A	20,4A	21,9A	22,9A	24,1A	25,2A
15 min	14,3A	14,9A	15,8A	16,5A	17,3A	18A
30 min	8,09A	8,45A	8,93A	9,35A	9,77A	10,19A
60 min	5A	5,17A	5,29A	5,34A	5,4A	5,4A
120 min	2,63A	2,72A	2,78A	2,81A	2,83A	2,83A
180 min	2,11A	2,18A	2,23A	2,25A	2,27A	2,27A
240 min	1,69A	1,74A	1,78A	1,8A	1,82A	1,82A
300 min	1,43A	1,48A	1,51A	1,53A	1,55A	1,55A
600 min	0,8A	0,83A	0,85A	0,86A	0,86A	0,86A
1200 min	0,42A	0,44A	0,45A	0,45A	0,45A	0,45A

Discharge table for output power

MWH 9-12L Cut-off Voltage:	Discharge Rates in Watts to Various End Voltages at 25℃ End Voltage					
	11,1V	10,8V	10,5V	10,2V	9,9V	9,6V
5 min	342W	365W	392W	411W	431W	452W
10 min	219W	234W	252W	264W	277W	290W
15 min	168W	176W	185W	194W	203W	216W
30 min	96W	101W	106W	111W	116W	121W
60 min	59,8W	61,8W	63,2W	63,9W	64,5W	64,5W
120 min	31,5W	32,6W	33,3W	33,7W	34W	34W
180 min	25,4W	26,2W	26,8W	27,1W	27,4W	27,4W
240 min	20,4W	21,1W	21,5W	21,8W	22W	22W
300 min	17,3W	17,9W	18,3W	18,5W	18,7W	18,7W
600 min	9,7W	10,1W	10,3W	10,4W	10,5W	10,5W
1200 min	5,12W	5,29W	5,41W	5,47W	5,53W	5,53W