

## **TEST REPORT**

	Description of Unit Under test	Description:	VRLA			
	(UUT):	Rating:	12V/7AH			
1.0						
		Model No:	ATC 7			
		Serial No:				
	Date of Receipt of Sample: (start date)		<u> </u>			
2.0	Date of Completion of test					
3.0	Condition of UUT on receipt:		Dry Charge B	attery		
3.0	No. Of sample Tested:	4				
4.0	Test Site:		On site			
4.0	Environment Conditions:		39°C			
	Temperature: 25'C+-5%		82%			
	Humidity 40 to 95% RH					
5.0	Applicable Standards /	Test Method:		IEC 60896-21		
	Specifications:					

Major Measuring Instrument and Traceability:

S.No	Description	Make/Model	S.No. of Instrument	Calibration validity	Calibration Agency
1	Discharger	ADOS/12V- 35Amp	131014-1		
2	Charger	ADOS/12/24V- 20Amp	D600202K-1		
3	Digital Multi Meter	Mastech/MS2 101	994995570		
4	Digital Clamp Meter	Mastech/MS2 101	994995570		
5	High rate discharge unit	ADOS/12V- 1500Amp	160117		



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## Test Result:

S.no	Specification Requirement	Serial Number					
.,*	Test Description	32	33	34	35	36	37

01	(a) (b)	Content a markings Cell or bat and perma with requi / Informa readable a chemicals place.	tery shal anently m red infor tion shall after expo	l be clearly narked mation. remain osure to	Readable	Readable	Readable	Readable	Readable	Readabl e
02	(a)	Material Id The plastic the units a identified	materia are clearly with the symbol a	Is used for / ISO 1043- and legible	Ok	Ok	OK	OK	ОК	ОК
03	(a)	Discharge The actual greater the of the rate 6 units tes following of	capacity an or equ d capacit ted with rates to t	Cshall be ual to 95% ty. Cof the the						
		Capacity C10 C8 C3 C1 C0.25	Rate 10 h 8 h 3 h 1 h 0.25h	End voltage 1.80 Vpc 1.75 Vpc 1.70 Vpc 1.60 Vpc						
04	(a)	Charge ret storage. The charge of the 6 ur	tention de retention de retention	uring on factor,C	72%	71%	74%	72%	71%	73%

Tested By: (Quality Engineer) Authorized By: (Technical Head)



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	VRLA Battery	Model:ATC 7

## Test Result:

S.no Specification Requirement  Test Description		Serial Number					
		32	33	34	35	36	37
05		0.00/	000/	000/	000/	070/	000/
05	Recharge Behaviour The recharge behaviour factor Rbf, after 24h of charge shall be greater than or equal to 90%. The recharge behaviour factor, Rbf, after 168h of charge shall be greater than or equal to 98%.	96%	96%	98%	98%	97%	98%

Tested By: (Quality Engineer) Authorized By: (Technical Head)