

Sparco DS Global LLP

TEST REPORT

1.0	Service Request / Job No:	SRF No						
2.0	Test Requested By:	M/S Sparco B	atteries Pvt.Ltd.					
	(Organization Name & Address)	Killa No:22, K	Killa No:22, Khashra No: 23/1/2 Village Nathupur.					
		Sonipat.						
3.0	Description of Unit Under test	Description:	VRLA					
	(UUT):	Rating:	12V/250AH					
		Model No:	ATC 250					
		Serial No:						
4.0	Date of Receipt of Sample: (start date)							
	Date of Completion of test							
5.0	Condition of UUT on receipt:		Dry Charge B	attery				
	No. Of sample Tested:	4						
6.0	Test Site:		On site					
	Environment Conditions:	37°C						
	Temperature: 25'C+-5%	80%						
	Humidity 40 to 95% RH							
7.0	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 Report No:	Description: 12V/250AH	Serial No:
	VRLA Battery	Model: ATC 250

Test Result:

S.no		Specification Requirement			Serial N	umber		
Test Description		25	26	27	28	29	30	

01	(a)	Content a	nd of rec	quired						Ī
		markings			Readable	Readable	Readable	Readable	Readable	Readabl e
		Cell or bat	tery shal	l be clearly						
		and perma	anently n	narked						
		with requi	red infor	mation.						
	(b)	/ Informa	tion shal	l remain						
		readable a								
		chemicals	and rem	ain in						
		place.								
02		Material I			Ok	Ok	OK	OK	OK	OK
	(a)			ls used for						
		the units a		-						
		identified with the ISO 1043- 1 material symbol and legible								
		_	throughout the service life.							
03	, ,	Discharge								
	(a)	The actual								
		greater th								
		of the rate	•	•						
		6 units tes								
		following i								
		following		End						
		Capacity	Rate	voltage						
		C10	10 h	1.80 Vpc						
		C8	8 h	1.75 Vpc						
		С3	3 h	1.70 Vpc						
		C1	1 h	1.60 Vpc						
		C0.25	0.25h	1.60 Vpc						
04		Charge ret	tention o	luring	72%	71%	73%	72%	74%	73%
		storage.								
	(a)	The charge	e retentio	on factor,C						
		of the 6 ur	nitsteste	d, shall be						
		greater than or equal to 70%.		ĺ						

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



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Test Report No:	Description: 12V/250AH	Serial No:
	VRLA Battery	Model:ATC250

Test Result:

S.no		Specification Requirement			Serial N	umber		
Test Description		25	26	27	28	29	30	

05	Recharge Behaviour	98%	96%	97%	98%	97%	98%
	The recharge behaviour						
	factor R bf, after 24h of						
	charge shall be greater						
	than or equal to 90%.						
	The recharge behaviour						
	factor, R bf, after 168h of						
	charge shall be greater						
	than or equal to 98%.						

Tested By:

(Quality Engineer)

Authorized By: (Technical Head)