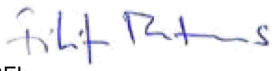


Annex B
(normative)

Supplier statement of product range test results

1) General product type information										
Product manufacturer	Exide Technologies									
Manufacturing site of tested product	Castanheira, Portugal									
Product name	Sprinter									
Product model range	Sprinter XP									
Product comprising the above model range	Sprinter XP12V3000, XP12V2500, XP12V1800 Sprinter XP6V2800; XP12V3400; XP12V4800; XP12V4000									
Product tested	Sprinter XP12V3000; XP12V3400									
2) Product test performance information										
Product safe operation in service	IEC 60896-21/22 - (2004) test clause result									
6.1 Gas emission (at float voltage and at 2.40 Vpc)	2.27 Vpc: 0.0151 mL/h/cell/Ah; 2.40 Vpc: 0.035 mL/h/cell/Ah									
6.2 High current tolerance	Compliant (2.13Vpc; no damage)									
6.3 Short circuit current and d.c. internal resistance	Data published in technical brochure									
6.4 Internal ignition from external spark sources	Compliant									
6.5 Protection against ground short propensity	Compliant									
6.6 Content and durability of required markings	Compliant									
6.7 Material identification	Compliant [PP]									
6.8 Valve operation	Compliant									
6.9 Flammability rating of materials	Case UL 94-V0 or HB Cover UL 94-V0 or HB									
	UL file: MH47338									
6.10 Intercell connector performance	Compliant (max. temperature: 50°C)									
Product performance in service	IEC 60896-21/22 - (2004) test clause result									
6.11 Discharge capacity	Data for									
	<table border="1"> <thead> <tr> <th>C₁₀</th> <th>C₈</th> <th>C₃</th> <th>C</th> <th>C_{0.25}</th> </tr> </thead> <tbody> <tr> <td>106%</td> <td>105%</td> <td>104%</td> <td>106%</td> <td>103%</td> </tr> </tbody> </table>	C ₁₀	C ₈	C ₃	C	C _{0.25}	106%	105%	104%	106%
C ₁₀	C ₈	C ₃	C	C _{0.25}						
106%	105%	104%	106%	103%						
6.12 Charge retention during storage	Compliant (Crf > 80%)									
6.13 Float service with daily discharges	>800 cycles									
6.14 Recharge behaviour	24 h Compliant 1.07									
	168 h Compliant 1.00									
Product durability in service	IEC 60896-21/22 - (2004) test clause result									
6.15 Float service life at 40°C	> 944 days									
6.16 Impact of a stress temperature of 55°C or 60°C	> 318 days at 55°C (monitored with C ₃)									
6.17 Abusive over-discharge	Caod = 0.802									
	Caoc = 0.989									
6.18 Thermal runaway sensitivity	Temperature after 168h of charging with 2,45 V/Cell: 23,2°C Temperature after 168h of charging with 2,60 V/Cell: 48°C									
6.19 Low temperature sensitivity	Cals = 0.97 No damage									
6.20 Dimensional stability at elevated internal pressure and temperature	0.8% - 1.8mm - compliant									
6.21 Stability against mechanical abuse of units during installation	Compliant									
Company name:	Exide Technologies, Lda									
Company officer:	Filipe Mateus (R&D Manager)									
Address/phone/fax/e-mail:	Av. Dr. Carlos Leal, P-2600-619 Castanheira do Ribatejo, Portugal ☎ +351 263 200 800; ✉ filipe.mateus@exidegroup.com									
Signature/date/place:	 February 02nd, 2023									
Document established as reply for RFI:										

NOTE The data in above Product Range Test Result Supplier Statement must comply with the test methods and degree of detail specified in the requirements 6.1 to 6.21 of the IEC 60896-21 and 60896-22. (2004)