



C	T	O	P	R	0573
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Date : 22<sup>th</sup> April 2022

ULR NO.	TC536022150000395F
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Traction Battery	Make	M/s Eastman	Type	Lead Acid
	ID	EM120ER	Nominal volts (V)	48
Traction Motor	Make	M/s CY International	Max power (kW)	1.558
	ID	CY1000W		
Power Controller	Make	M/s CY International	Rating	48 V / 50A
	ID	NI-CYI-48VC		
Charger	Make	M/s Axiom EV Product	Nominal Volts (V) / frequency	170-300 / 47-63
	ID	C2BK480015		
Test Date		18.04.2022		
Test Results				
Test Procedure		Type of Test	Measured Value	
AIS-041	Vehicle maximum 30 minute speed		21.5 km/h	
	Vehicle maximum 30 minute power		1.309 kW at 13 km/h	
	Vehicle net power			
		Speed (km/h)	Power (kW)	
		20	0.447	
		17	1.558	
		14	1.541	
		11	1.472	
	8	1.303		
Remarks:-	1.Vehicle meets the requirements as per Notification G.S.R.709E) Dt; 08-10-2014.			
	2. The tests were conducted as per the requirements of AIS - 041, S.O. 2590 (E) Dt: 08-10-2014			
	3.Tests were conducted by powering the vehicle using external power supply after disconnecting the vehicle battery.			
	4.Tests were conducted at ICAT Center-1, Manesar.			

<b>AUTHORISED SIGNATORY</b>			
<b>Prepared By</b>		<b>Checked By</b>	
ANUJ JAIN Engineer		MONAL HASTI Manager	
			