



2016 Tesla Battery Pack Test Report

Vehicle Information

2016/Tesla/Model S 85D
 VIN: --
 Battery Code: --
 Maximum Storable Energy: 85kWh

Odometer Reading: --
 License Plate: --
 Rated Voltage: 350V
 Rated Capacity: 245Ah

Customer Information

Name: --

Tel: --

Device information

Scanner: MaxiSys Ultra EV
 Version: V5.66

Serial Number: V4DGSBC01002

Power Battery Status

Battery Pack Info

84%
SOH

SOC **60%**

Maintenance advice: The battery pack is OK

Total voltage:	1.19V	Total current:	-0.10A
Cell maximum voltage:	3.840V	Maximum temperature:	15.6°C
Cell minimum voltage:	3.729V	Minimum temperature:	14.0°C
Voltage delta:	111mV	Modules:	16

Battery Temperature Information

Test results: The temperatures of all battery modules are OK.

Module	Total voltage	Temperature	
		T1	T2
M1	22.729V	14.3°C	14.5°C
M2	22.763V	14.8°C	15.1°C
M3	22.758V	14.7°C	15.0°C
M4	22.742V	14.8°C	14.7°C
M5	22.747V	14.4°C	14.8°C
M6	22.78V	14.5°C	14.6°C
M7	22.747V	14.0°C	14.4°C
M8	22.735V	14.7°C	14.7°C
M9	22.731V	14.6°C	14.3°C
M10	22.731V	15.2°C	15.1°C
M11	22.772V	14.5°C	15.0°C
M12	22.74V	15.4°C	15.6°C
M13	22.746V	14.8°C	15.1°C
M14	22.73V	14.8°C	15.1°C
M15	22.75V	14.6°C	14.8°C

M16	22.729V	14.8°C	14.9°C
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Cell Voltage Information

Test results:M1,M2 The cell voltage delta of the battery module is too large.

Module	Battery cell voltage							
M1	#1	#2	#3	#4	#5	#6		
	3.794V	3.793V	3.788V	3.792V	3.729V	3.833V		
M2	#1	#2	#3	#4	#5	#6		
	3.737V	3.840V	3.798V	3.796V	3.796V	3.796V		
M3	#1	#2	#3	#4	#5	#6		
	3.794V	3.793V	3.793V	3.792V	3.793V	3.793V		
M4	#1	#2	#3	#4	#5	#6		
	3.791V	3.790V	3.791V	3.790V	3.790V	3.790V		
M5	#1	#2	#3	#4	#5	#6		
	3.792V	3.792V	3.792V	3.791V	3.790V	3.790V		
M6	#1	#2	#3	#4	#5	#6		
	3.798V	3.797V	3.797V	3.796V	3.796V	3.796V		
M7	#1	#2	#3	#4	#5	#6		
	3.792V	3.791V	3.791V	3.791V	3.791V	3.791V		
M8	#1	#2	#3	#4	#5	#6		
	3.789V	3.790V	3.789V	3.790V	3.788V	3.789V		
M9	#1	#2	#3	#4	#5	#6		
	3.789V	3.788V	3.788V	3.789V	3.788V	3.789V		
M10	#1	#2	#3	#4	#5	#6		
	3.789V	3.789V	3.789V	3.788V	3.788V	3.788V		
M11	#1	#2	#3	#4	#5	#6		
	3.796V	3.795V	3.796V	3.795V	3.795V	3.795V		
M12	#1	#2	#3	#4	#5	#6		
	3.791V	3.790V	3.790V	3.790V	3.789V	3.790V		
M13	#1	#2	#3	#4	#5	#6		
	3.793V	3.792V	3.791V	3.790V	3.790V	3.790V		
M14	#1	#2	#3	#4	#5	#6		
	3.789V	3.788V	3.789V	3.788V	3.788V	3.788V		
M15	#1	#2	#3	#4	#5	#6		
	3.793V	3.792V	3.792V	3.791V	3.791V	3.791V		
M16	#1	#2	#3	#4	#5	#6		
	3.789V	3.788V	3.789V	3.788V	3.788V	3.787V		

● Black: OK ● Orange: Warning ⚠ ● Red: Not OK ❌

Customer name: _____

Technician: _____

Date: _____

Note: Please save a copy of this report for your records.

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