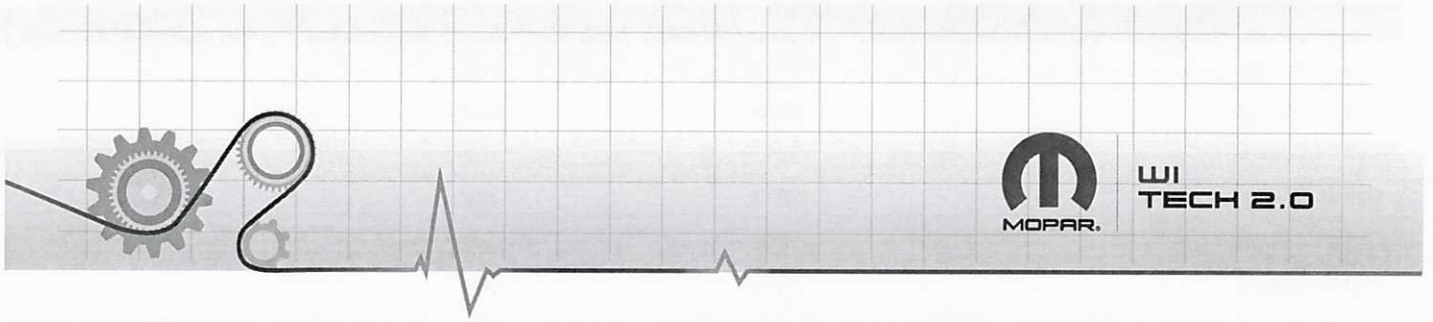




BPCM DATA LIST

Vehicle 2021 500 BEV NEW 500 EME FIRST EDITION 3+1 320 KM
VIN ZFAEFAR49MX032689

Odometer 35898 km
Publication Date Aug 27, 2026, 9:32:38 AM

BPCM – DATA LIST

383 parameters · Snapshot: 8/27/2026, 7:32:40 AM

ALL CELL VOLTAGE

NAME	VALUE	UNIT	TYPE
Cell 1 Voltage	3816	mV	
Cell 2 Voltage	3818	mV	
Cell 3 Voltage	3817	mV	
Cell 4 Voltage	3817	mV	
Cell 5 Voltage	3817	mV	
Cell 6 Voltage	3817	mV	
Cell 7 Voltage	3817	mV	
Cell 8 Voltage	3817	mV	
Cell 9 Voltage	3816	mV	
Cell 10 Voltage	3817	mV	
Cell 11 Voltage	3817	mV	
Cell 12 Voltage	3817	mV	
Cell 13 Voltage	3818	mV	
Cell 14 Voltage	3818	mV	
Cell 15 Voltage	3816	mV	
Cell 16 Voltage	3817	mV	
Cell 17 Voltage	3817	mV	
Cell 19 Voltage	3818	mV	
Cell 18 Voltage	3818	mV	
Cell 20 Voltage	3818	mV	
Cell 21 Voltage	3818	mV	
Cell 22 Voltage	3818	mV	
Cell 23 Voltage	3818	mV	
Cell 24 Voltage	3819	mV	
Cell 25 Voltage	3819	mV	
Cell 26 Voltage	3817	mV	

NAME	VALUE	UNIT	TYPE
Cell 27 Voltage	3818	mV	
Cell 28 Voltage	3803	mV	
Cell 29 Voltage	3817	mV	
Cell 30 Voltage	3817	mV	
Cell 31 Voltage	3818	mV	
Cell 32 Voltage	3819	mV	
Cell 33 Voltage	3818	mV	
Cell 34 Voltage	3818	mV	
Cell 35 Voltage	3818	mV	
Cell 36 Voltage	3819	mV	
Cell 37 Voltage	3818	mV	
Cell 38 Voltage	3818	mV	
Cell 39 Voltage	3818	mV	
Cell 40 Voltage	3818	mV	
Cell 41 Voltage	3817	mV	
Cell 42 Voltage	3818	mV	
Cell 43 Voltage	3819	mV	
Cell 44 Voltage	3818	mV	
Cell 45 Voltage	3818	mV	
Cell 46 Voltage	3817	mV	
Cell 47 Voltage	3818	mV	
Cell 48 Voltage	3817	mV	
Cell 49 Voltage	3818	mV	
Cell 50 Voltage	3818	mV	
Cell 51 Voltage	3818	mV	
Cell 52 Voltage	3818	mV	
Cell 53 Voltage	3817	mV	
Cell 54 Voltage	3818	mV	
Cell 55 Voltage	3818	mV	
Cell 56 Voltage	3817	mV	
Cell 57 Voltage	3818	mV	
Cell 58 Voltage	3817	mV	
Cell 59 Voltage	3817	mV	
Cell 60 Voltage	3818	mV	
Cell 61 Voltage	3818	mV	
Cell 62 Voltage	3817	mV	
Cell 63 Voltage	3818	mV	
Cell 64 Voltage	3818	mV	
Cell 65 Voltage	3817	mV	
Cell 66 Voltage	3818	mV	

NAME	VALUE	UNIT	TYPE
Cell 67 Voltage	3818	mV	
Cell 68 Voltage	3817	mV	
Cell 69 Voltage	3818	mV	
Cell 70 Voltage	3818	mV	
Cell 71 Voltage	3818	mV	
Cell 72 Voltage	3819	mV	
Cell 73 Voltage	3818	mV	
Cell 74 Voltage	3819	mV	
Cell 75 Voltage	3819	mV	
Cell 76 Voltage	3818	mV	
Cell 77 Voltage	3817	mV	
Cell 78 Voltage	3818	mV	
Cell 79 Voltage	3818	mV	
Cell 80 Voltage	3818	mV	
Cell 81 Voltage	3818	mV	
Cell 82 Voltage	3817	mV	
Cell 83 Voltage	3818	mV	
Cell 84 Voltage	3817	mV	
Cell 85 Voltage	3818	mV	
Cell 86 Voltage	3819	mV	
Cell 87 Voltage	3818	mV	
Cell 88 Voltage	3818	mV	
Cell 89 Voltage	3815	mV	
Cell 90 Voltage	3818	mV	
Cell 91 Voltage	3817	mV	
Cell 92 Voltage	3817	mV	
Cell 93 Voltage	3815	mV	
Cell 94 Voltage	3816	mV	
Cell 95 Voltage	3816	mV	
Cell 96 Voltage	3817	mV	
Cell 97 Voltage	0	mV	
Cell 98 Voltage	0	mV	
Cell 99 Voltage	0	mV	
Cell 100 Voltage	0	mV	
Cell 101 Voltage	0	mV	
Cell 102 Voltage	0	mV	
Cell 103 Voltage	0	mV	
Cell 104 Voltage	0	mV	
Cell 105 Voltage	0	mV	
Cell 106 Voltage	0	mV	

NAME	VALUE	UNIT	TYPE
Cell 107 Voltage	0	mV	
Cell 108 Voltage	0	mV	

ALL CELL SOC

NAME	VALUE	UNIT	TYPE
SOC for Cell 1	65.1	%	
SOC for Cell 2	65.5	%	
SOC for Cell 3	65.5	%	
SOC for Cell 4	65.5	%	
SOC for Cell 5	65.5	%	
SOC for Cell 6	65.5	%	
SOC for Cell 7	65.5	%	
SOC for Cell 8	65.5	%	
SOC for Cell 9	65.1	%	
SOC for Cell 10	65.5	%	
SOC for Cell 11	65.5	%	
SOC for Cell 12	65.5	%	
SOC for Cell 13	65.5	%	
SOC for Cell 14	65.5	%	
SOC for Cell 15	65.5	%	
SOC for Cell 16	65.5	%	
SOC for Cell 17	65.1	%	
SOC for Cell 18	65.5	%	
SOC for Cell 19	65.5	%	
SOC for Cell 20	65.5	%	
SOC for Cell 21	65.5	%	
SOC for Cell 22	65.5	%	
SOC for Cell 23	65.5	%	
SOC for Cell 24	65.5	%	
SOC for Cell 25	65.5	%	
SOC for Cell 26	65.5	%	
SOC for Cell 27	65.5	%	
SOC for Cell 28	63.9	%	
SOC for Cell 29	65.5	%	
SOC for Cell 30	65.5	%	
SOC for Cell 31	65.5	%	
SOC for Cell 32	65.5	%	
SOC for Cell 33	65.5	%	
SOC for Cell 34	65.5	%	
SOC for Cell 35	65.5	%	

NAME	VALUE	UNIT	TYPE
SOC for Cell 36	65.5	%	
SOC for Cell 37	65.5	%	
SOC for Cell 38	65.5	%	
SOC for Cell 39	65.5	%	
SOC for Cell 40	65.5	%	
SOC for Cell 41	65.5	%	
SOC for Cell 42	65.5	%	
SOC for Cell 43	65.5	%	
SOC for Cell 44	65.5	%	
SOC for Cell 45	65.5	%	
SOC for Cell 46	65.5	%	
SOC for Cell 47	65.5	%	
SOC for Cell 48	65.5	%	
SOC for Cell 49	65.5	%	
SOC for Cell 50	65.5	%	
SOC for Cell 51	65.5	%	
SOC for Cell 52	65.5	%	
SOC for Cell 53	65.1	%	
SOC for Cell 54	65.5	%	
SOC for Cell 55	65.5	%	
SOC for Cell 56	65.5	%	
SOC for Cell 57	65.5	%	
SOC for Cell 58	65.5	%	
SOC for Cell 59	65.5	%	
SOC for Cell 60	65.5	%	
SOC for Cell 61	65.5	%	
SOC for Cell 62	65.5	%	
SOC for Cell 63	65.5	%	
SOC for Cell 64	65.5	%	
SOC for Cell 65	65.5	%	
SOC for Cell 66	65.5	%	
SOC for Cell 67	65.5	%	
SOC for Cell 68	65.5	%	
SOC for Cell 69	65.5	%	
SOC for Cell 70	65.5	%	
SOC for Cell 71	65.5	%	
SOC for Cell 72	65.5	%	
SOC for Cell 73	65.5	%	
SOC for Cell 74	65.5	%	
SOC for Cell 75	65.5	%	

NAME	VALUE	UNIT	TYPE
SOC for Cell 76	65.5	%	
SOC for Cell 77	65.5	%	
SOC for Cell 78	65.5	%	
SOC for Cell 79	65.5	%	
SOC for Cell 80	65.5	%	
SOC for Cell 81	65.5	%	
SOC for Cell 82	65.5	%	
SOC for Cell 83	65.5	%	
SOC for Cell 84	65.5	%	
SOC for Cell 85	65.5	%	
SOC for Cell 86	65.5	%	
SOC for Cell 87	65.5	%	
SOC for Cell 88	65.5	%	
SOC for Cell 89	65.1	%	
SOC for Cell 90	65.5	%	
SOC for Cell 91	65.5	%	
SOC for Cell 92	65.1	%	
SOC for Cell 93	65.1	%	
SOC for Cell 94	65.5	%	
SOC for Cell 95	65.1	%	
SOC for Cell 96	65.5	%	
SOC for Cell 97	65.5	%	
SOC for Cell 98	65.5	%	
SOC for Cell 99	65.5	%	
SOC for Cell 100	65.5	%	
SOC for Cell 101	65.5	%	
SOC for Cell 102	65.5	%	
SOC for Cell 103	65.5	%	
SOC for Cell 104	65.5	%	
SOC for Cell 105	65.5	%	
SOC for Cell 106	65.5	%	
SOC for Cell 107	65.5	%	
SOC for Cell 108	65.5	%	

CONTACTOR STATUS

NAME	VALUE	UNIT	TYPE
Contact Status	Closed		
HCP Contactor Command	CLS		
Qualified Contactor Command - QCC	Close		
Verified Contactor Command - VCC	Close		

NAME	VALUE	UNIT	TYPE
Precharge Penalty Time	900	seconds	
Precharge Thermal Protected	False		
Detected Bus Short	False		
Contactorm Command Validity	Valid		
Contactorm Command by PWM	Close		
Contactorm Command PWM Duty	69	%	
Postive Contactorm HSD Circuit Status	Normal		
Negative Contactorm HSD Circuit Status	Normal		
Postive Contactorm Circuit Stuck Status	Normal		
Postive Contactorm LSD Circuit Status	Normal		
Negative Contactorm LSD Circuit Status	Normal		
Negative Contactorm Circuit Stuck Status	Normal		
Precharge Contactorm HSD Circuit Status	Normal		
Precharge Contactorm LSD Circuit Status	Normal		
FC Positive contactorm HSD Circuit Status	Normal		
FC Negative contactorm HSD Circuit Status	Normal		
FC Positive contactorm LSD Circuit Status	Normal		
FC Negative contactorm LSD Circuit Status	Normal		

HVIL STATUS

NAME	VALUE	UNIT	TYPE
HVIL Status -Vehicle	PASS		
HVIL Status - Battery pack	PASS		
HVIL PWM Duty Cycle - Vehicle	49.8039	%	
HVIL PWM Frequency - Vehicle	88.0	Hz	
HVIL Returned current - Vehicle	1.50	mA	
HVIL PWM Duty Cycle - Battery	49.8039	%	
HVIL PWM Frequency - Battery	88.0	Hz	
HVIL Returned current - Battery	1.50	mA	

ALL MODULE TEMPERATURE

NAME	VALUE	UNIT	TYPE
BPCM Module Temp Sensor 1	24	°C	
BPCM Module Temp Sensor 2	24	°C	
BPCM Module Temp Sensor 3	24	°C	
BPCM Module Temp Sensor 4	24	°C	
BPCM Module Temp Sensor 5	24	°C	
BPCM Module Temp Sensor 6	24	°C	
BPCM Module Temp Sensor 7	24	°C	
BPCM Module Temp Sensor 8	24	°C	

NAME	VALUE	UNIT	TYPE
BPCM Module Temp Sensor 9	24	°C	
BPCM Module Temp Sensor 10	24	°C	
BPCM Module Temp Sensor 11	24	°C	
BPCM Module Temp Sensor 12	24	°C	
BPCM Module Temp Sensor 13	24	°C	
BPCM Module Temp Sensor 14	24	°C	
BPCM Module Temp Sensor 15	24	°C	
BPCM Module Temp Sensor 16	24	°C	

UNGROUPE

NAME	VALUE	UNIT	TYPE
Odometer	35898.0	km	
System (12) Volts	14.025	Volts	
Wake Up ePT Wake-up	Sourced		
DC Fast Charge Positive Contactor	Open		
DC Fast Charge Negative Contactor	Open		
Positive Contactor	Closed		
Negative Contactor	Closed		
Precharge Contactor	Open		
BPCM HVIL Status - Vehicle	PASS		
BPCM HVIL Status - Battery	PASS		
HV Battery Miles	384971.73	km	
Charge Amp Hours	20798.3	AmpHrs	
Discharge Amp Hours	20800.8	AmpHrs	
DisCharge KW/Hours	7545.0	KWH	
Charge KW/Hours	7722.2	KWH	
Number Of Opens	8185		
Number Of Closes	8197		
Number Of Impending Opens	3		
Number Of Open Requests (From the battery)	1		
Number Of ECU Resets while contactors are closed.	0		
Diagnostic Contactor Dis/Enabler	Enabled		
Maximum voltage Cell number	31	No Unit	
Minimum voltage Cell number	27	No Unit	
Maximum Cell Voltage	3820	mV	
Minimum Cell Voltage	3803	mV	
Maximum Temp Sensor	16	No Unit	
Minimum Temp Sensor	5	No Unit	
Maximum Cell Temp	24	°C	
Minimum Cell Temp	24	°C	

NAME	VALUE	UNIT	TYPE
HV Battery Current Sensor 1 - shunt	1.05	Amps	
HV Battery Current Sensor 2 - hall	3.25	Amps	
SOC Last Stored	65.5	%	
Power-up SOC	65.5	%	
HV Battery SOC	65.1	%	
Maximum SOC	65.5	%	
Average SOC	65.1	%	
Minimum SOC	63.9	%	
Battery Voltage (cell sum)	366.50	Volts	
Battery Voltage (Module Sum)	366.50	Volts	
Battery Pack Link Voltage Source	DC Link sensor voltage		
HV Battery Charge Power 2sec	112137	watts	
HV Battery Charge Power 10sec	110475	watts	
HV Battery Charge Power 30sec	82239	watts	
HV Battery Discharge Power 2sec	118197	watts	
HV Battery Discharge Power 10sec	116781	watts	
HV Battery Discharge Power 30sec	76095	watts	
Battery Cooling Inlet Temp	23	°C	
Battery outlet Temp	23	°C	
Onboard Temperature	34	°C	
HV Battery SOH	94.9	%	
HV Battery SOH Low	92.9	%	
SOH Full Amp Hour Capacity	0.0	%	
Full Amp Hour Capacity	120.0	AmpHrs	
Remaining Amp Hour Capacity	113.8	AmpHrs	
Battery is disabled due to impact	False		
Reason why disabled - Impact open command from HCP	False		
Reason why disabled - ORC & HCP timer expired	False		
Reason why disabled - Loss of Comm	False		
Life Time Number of Battery disabled due to impact open command from HCP	0	No Unit	
Life Time Number of Battery disabled due to ORC (timer expired)	1	No Unit	
Life Time Number of Battery disabled due to Loss of Comm	0	No Unit	
Cal Element - Delay Start of Impact Detection	7.000	seconds	
System (12) Volts	14.004	Volts	
BPCM Module Voltage Sensor 1	30.540	V	
BPCM Module Voltage Sensor 2	30.525	V	
BPCM Module Voltage Sensor 3	45.808	V	
BPCM Module Voltage Sensor 4	45.823	V	
BPCM Module Voltage Sensor 5	45.823	V	
BPCM Module Voltage Sensor 6	45.826	V	

NAME	VALUE	UNIT	TYPE
BPCM Module Voltage Sensor 7	45.826	V	
BPCM Module Voltage Sensor 8	45.826	V	
BPCM Module Voltage Sensor 9	30.525	V	
Plug in charge Status	Not plugged in		
Charge time	0	seconds	
Miles on pack since last charge event	59.5	km	
Time plugged in (while awake)	0	seconds	
Time plugged in (EERPOM) (while awake)	1252.501002	Hours	
Charge Time during Plug in Charge (I >1)	0	seconds	
Amp Hours Added During Charge Event	0.0	AmpHrs	
SOC When Plugged In	0.0	%	
SOC When Charge Ended (HV Batt SOC While Charging)	0.0	%	
Max Mod Temp When Plugged In	0	°C	
Min Mod Temp When Plugged In	0	°C	
Max Mod Temp When Charging Stopped	0	°C	
Min Mod Temp When Charging Stopped	0	°C	
Min Cell voltage when plugged in	0	mV	
Max cell voltage when charging stopped	0	mV	
Volt differential at the end of Plug in Charge	0	mV	
Iterations - Charge with no Current allowed	0	No Unit	
Number of Cells balancing	0	Cells	
Balance time during Plug in charge	0	seconds	
DC Fast Charge Status	Not plugged in		
Charge time	0	seconds	
Miles on pack since last charge event	59.5	km	
Time DC Fast Charge started (while awake)	0	seconds	
Time DC Fast Charge started (EERPOM) (while awake)	0.000000	Hours	
Charge Time during DC Fast Charge (I >1)	0	seconds	
Amp Hrs Added During Charge Event	0.0	AmpHrs	
SOC When DC Fast Charge started	0.0	%	
SOC When Charge Ended (HV Batt SOC While Charging)	0.0	%	
Max Mod Temp When DC Fast Charge started	0	°C	
Min Mod Temp When DC Fast Charge started	0	°C	
Max Mod Temp When Charging Stopped	0	°C	
Min Mod Temp When Charging Stopped	0	°C	
Min Cell voltage when DC Fast Charge started	0	mV	
Max cell voltage when charging stopped	0	mV	
Volt Differential at the End of DC Fast Charge	0	mV	
Iterations - Charge with no Current allowed	0	No Unit	
Number of Cells balancing	0	Cells	

NAME	VALUE	UNIT	TYPE
Balance Time During DC Fast Charge	0	seconds	
Vehicle Isolation Impedance (Positive side)	2.340	Mega Ohms	
Vehicle Isolation Impedance (Negative side)	2.414	Mega Ohms	
Vehicle Isolation Impedance (Equivalent)	1.390	Mega Ohms	
Battery Isolation Impedance (Positive side)	4.194	Mega Ohms	
Battery Isolation Impedance (Negative side)	4.194	Mega Ohms	
Battery Isolation Impedance (Equivalent)	4.194	Mega Ohms	
(Timer1) Cal Element - Delay Post HCP Impact Delay	0.300	seconds	
(Timer2) Cal Element - Valid ORC Impact Timer (Detection)	0.500	seconds	
(Timer4) Cal Element - Impact Loss of Comm Detection	1.000	seconds	
The cumulative number of Plug In Charge	639	events	
The cumulative number of DC Fast Charge	6	events	

