

SOCM RS232 Communication String Definition (V4)																
Name	Tx Period	0 Header	1+2 Time Stamp	3 Seq Number	4 Value 1	5 Value 2	6 Value 3	7 Value 4	8 Value 5	9 Value 6	10 Value 7	11 Value 8	12 Value 9	13 Value 10	14 Value 11	
Instant Values (Implemented)	250msec	\$IV	HH:MM:SS MON-DI-YYYY	0 to 66535	Instant Pack Voltage (Implemented)	Instant 1/2 Pack Voltage (Implemented)	Instant Charge Current (Implemented)	Instant Discharge Current (Implemented)	Instant Kw (Implemented)							
Calculated Values	10 seconds	\$CV			Calc Pack Voltage	Calc 1/2 Pack Voltage	Calc Charge Current	Calc Discharge Current	Calc Ah	%SOC	Cyc Ah	Cyc Count				
Analog Values (Implemented)	1 second	\$AV			Aux 12V Battery (Implemented)	Temperature Sensor 1 (Implemented)	Temperature Sensor 2 (Implemented)	Ignition Status (Implemented)	Lights Status (Implemented)	Charger Connected Status (Implemented)	Spare	Spare	Spare	Spare	Spare	
Power Values	1 second	\$PV			Calc Kw	Time to Full	Used Wh									
Range Values	1 second	\$RV			Vehicle Speed	Wh Per Km	Km Per Kwh	Miles to Empty	Total Range	New Range (Remaining Miles)						
Config Values	1 second	\$CF			SOCM Mode	Usable Pack Ah Size	Nominal Pack Voltage	Shunt Type	Distance Measure							
Software version	5 seconds	\$SV			SOCM Maj SWV	SOCM MIN SWV	DD Maj SWV	DD Min SWV	BB Maj SWV	BB Min SWV						