

Template:SAS device Parameter list - Communication modifications UART

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Communication modifications

UART

Mode

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
150	Uint16	0	0	1	0 - Disable 1 - UART	External UART Mode

UART Mode

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
151	Uint16	0	0	6	0 - Log Mode 1 - NMEA 2 - TCP Ascii 3 - TCP Binary 4 - TCP Ascii Buffered 5 - TCP Binary Buffered 6 - e-floater	Eventual Records

UART Settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
153	Uint16	1	0	1	0 - Default 1 - None 2 - Odd 3 - Even	Eventual Records (Parity)

152	Uint16	1	0	1	0 - Default 1 - 9600 2 - 14400 3 - 19200 4 - 38400 5 - 57600 6 - 115200	Baudrate
158	Uint16	0	0	1	0 - Disable 1 - Enable	Message Timestamp

TCP Binary Mode Settings

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name
			Min	Max		
154	Uint8	0	0	255	-	Prefix 1
155	Uint8	0	0	255	-	Prefix 2
156	Uint8	0	0	255	-	Prefix 3

E-Scooter I/O

Parameter ID	Parameter Type	Default value	Value range		Value	Parameter name	Input name
			Min	Max			
51310	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	State of health
51313	Uint8	0	0	100	%	Low Level	
51312	Uint8	0	0	100	%	High Level	
51314	Uint8	0	0	2	0 - No 1 - Yes	Event Only	
51311	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand	
7334	Uint8	0	0	10	Predefined Number	Send SMS To	
8334	String	State of health	0	160	Predefined Number	SMS Text	
51400	Uint8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	Battery percentage
51403	Uint8	0	0	100	%	Low Level	
51402	Uint8	0	0	100	%	High Level	
51404	Uint8	0	0	2	0 - No 1 - Yes	Event Only	
51401	Uint8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand	
7343	Uint8	0	0	10	Predefined Number	Send SMS To	
8334	String	Battery percentage	0	160	Predefined Number	SMS Text	

51510	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	Battery temperature
51513	UInt8	0	0	65535	°Cx10	Low Level	
51512	UInt8	0	0	65535	°Cx10	High Level	
51514	UInt8	0	0	2	0 - No 1 - Yes	Event Only	
51511	UInt8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand	Charge capacity
7354	UInt8	0	0	10	Predefined Number	Send SMS To	
8354	String	Battery temperature	0	160	Predefined Number	SMS Text	
51560	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	
51563	UInt8	0	0	65535	mAh	Low Level	Charge cycles
51562	UInt8	0	0	65535	mAh	High Level	
51564	UInt8	0	0	2	0 - No 1 - Yes	Event Only	
51561	UInt8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand	
7359	UInt8	0	0	10	Predefined Number	Send SMS To	Battery serial number
8359	String	Charge capacity	0	160	Predefined Number	SMS Text	
51610	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	
51613	UInt8	0	0	65535	-	Low Level	
51612	UInt8	0	0	65535	-	High Level	Battery serial number
51614	UInt8	0	0	2	0 - No 1 - Yes	Event Only	
51611	UInt8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand	
7364	UInt8	0	0	10	Predefined Number	Send SMS To	
8364	String	Charge cycles	0	160	Predefined Number	SMS Text	Battery serial number
51640	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	
51644	UInt8	0	0	2	0 - No 1 - Yes	Event Only	
51641	UInt8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand	
7367	UInt8	0	0	10	Predefined Number	Send SMS To	Battery serial number
8367	String	Battery serial number	0	160	Predefined Number	SMS Text	

52670	UInt8	0	0	3	0 - None 1 - Low 2 - High 3 - Panic	Priority	Activity status
52673	UInt8	0	0	3	-	Low Level	
52672	UInt8	0	0	3	-	High Level	
52674	UInt8	0	0	2	0 - No 1 - Yes	Event Only	
52671	UInt8	3	0	6	0 - On Exit 1 - On Entrance 2 - On Both 3 - Monitoring 4 - On Hysteresis 5 - On Change 6 - On Delta Change	Operand	
7470	UInt8	0	0	10	Predefined Number	Send SMS To	
8470	String	Activity status	0	160	Predefined Number	SMS Text	