

QuasaR OBD2 Configurable Commands

A6 mode for QuasaR

	Name	Num Data Bytes	Mode & PID	Command		Data	
				Byte 0	Byte 1	Byte 2	Byte 3
<b>Commands always available (unless otherwise noted):</b>	Idle rpm	07	A61011	B0	A0	High byte	Low byte
	Charging shutoff voltage	07	A61011	B1	A1	High byte	Low byte
	Charging current limit	07	A61011	B2	A2	High byte	Low byte
	Motor current limit	07	A61011	C0	B0	High byte	Low byte
	Motor voltage limit	07	A61011	C2	B2	High byte	Low byte
	Battery current limit	07	A61011	C4	B4	High byte	Low byte
	Motor current ramp rate	06	A61011	C5	B5	Single byte	-
	Set 12V aux battery mode	06	A61011	C6	B6	Single byte	-
	Set to configure mode on	07	A61011	C8	B8	D0	F0
	Set to configure mode off	07	A61011	C9	B9	D1	F1
	Set to test mode on	07	A61011	CA	BA	D2	F2
	Set to test mode off	07	A61011	CB	BB	D3	F3
	Set to BMS timeout mode on	07	A61011	CC	BC	High byte	Low byte
	Set to BMS timeout mode off	07	A61011	CD	BD	D5	F5
	Set CANbus baud rate	06	A61011	CE	BE	Single byte	-
Set OBDII address	06	A61011	CF	BF	Single byte	-	
<b>Commands only available with valid checksum</b>	Charging current limit	07	A61112	A0	High byte	Low byte	Checksum
	Battery discharge current limit	07	A61112	A1	High byte	Low byte	Checksum
	Output reducer multiplier	07	A61112	A2	High byte	Low byte	Checksum
<b>Consumable data by this ECU at specified broadcast addresses</b>	Throttle	05	D08080	High byte	Low byte	-	-
	Speed/RPM	05	D09191	High byte	Low byte	-	-

**Notes:**

In configure mode, 0xFD for bytes 2 and/or 3 indicates an invalid value was received

In configure mode, 0xFE for bytes 2 and/or 3 indicates that the command is not allowed in the current state.

In configure mode, 0xFF for bytes 2 and/or 3 indicates no valid command recognized.

For the test mode commands, commands that are not allowed due to other active commands, the first two command bytes that were sent are returned and 0xFE are in the last two bytes.

For the test mode commands, invalid commands respond with the first two command bytes that were sent and 0xFF in the last two