Application Programming Interface (API)

Direct loads control

`load_set[i]`	bit	R/W	Managed load state; 0=off, 1=on; i = 10..17
`analog_out[i]`	int	R/W	Analog output value in % i = 10..13

Timetable

`timetable_cloud_once[i]`	bit	RO	Enabled cloud optimization for “once” actions; 0=disabled, 1=enabled; i=0..7
`timetable_cloud_recurring[i]`	bit	RO	Enabled cloud optimization for “recurring” actions; 0=disabled, 1=enabled; i=0..7
`timetable_analog_optimization[i]`	bit	RO	Enabled cloud optimization for analog timetable; 0=disabled, 1=enabled; i=0..3
`optimization_index[i]`	int	RW	Timetable optimization index (0=broadcast = all timetables); i=0..50
`optimization_start[i]`	int	RW	Timetable optimization start time; hhmmw; hh=hour, mm=minute, w=weekday(1=monday); i=0..50
`optimization_time[i]`	int	RW	Timetable optimization period in min; i=0..50
`optimization_command[i]`	int	RW	Timetable optimization command, auto set to 0 after being processed - see following table; i=0..50
`optimization_value[i]`	int	RW	Timetable optimization value , depends of `optimization_command` - see following table; i=0..50

Variable `optimization_command` triggers timetable manipulation process so make sure to set all other variables before.

`optimization_command`		`optimization_value`	
1	**managed load once actions**	0	Set **OFF**
		1	Set **ON**
		-1	**Delete**
2	**managed load recurring actions**	0	Set **OFF**
		1	Set **ON**
		-1	**Delete**
3	**tariff timetable**	0	Set **LO**
		1	Set **HI**
		2	Set **DYNAMIC**
		-1	**Delete** Dynamic
4	**set mask**	0..0xFF	Set once **on/off** as per bit value
5	**analog timetable**	0..100	Set **0..100%**
		-1	**Delete** Analog
6	**battery setpoint**	-100..0	Set discharge **0..100%**
		0..100	Set charge **0..100%**
		-31768	Set **auto**

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