

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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