

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

From:

<http://wiki.hiq-universe.com/> -

Permanent link:

<http://wiki.hiq-universe.com/doku.php?id=en:hems:universe:api&rev=1538984177>

Last update: **2018/10/08 07:36**

