

Register Name	Description	Register Type	R/W	Default Value	Modbus Address
machine_ID	ID Machine	Unsigned 16 bits	R	4	40001
FW_Version	Firmware Release	Unsigned 16 bits	R		40002
addr	Modbus address (Range 1...250)	Unsigned 16 bits	R/W	1	40003
Delay	Answer delay (Range 1...1000)	Unsigned 16 bits	R/W	1	40004
Baudrate	0= 1200, 1= 2400, 2= 4800, 3= 9600, 4= 19200, 5= 38400, 6= 57600, 7= 115200	Unsigned 16 bits	R/W	1	40005
Parity	Type of parity 0= 8,N,1 1= 8, O, 1(ODD) 2= 8, E, 1 (EVEN)	Unsigned 16 bits	R/W	0	40006
In_start	Start Input (A)	Floating 32 bits	R/W	0	40007 (LO) 40008 (HI)
In_stop	Stop Input (A)	Floating 32 bits	R/W	50	40009 (LO) 40010 (HI)
Out_start_V	Start Output (mV) (Range 0...10000)	Unsigned 16 bits	R/W	0	40011
Out_stop_V	Stop Output (mV) (Range 0...10000)	Unsigned 16 bits	R/W	10000	40012
filt1	n° of samples for mobile average (1= 100ms) (Range 1...32)	Unsigned 16 bits	R/W	1	40013
filt	Second level filter for ripple problems on AC measurement (Range 1000...20000)	Unsigned 16 bits	R/W	4096	40014
Cutoff	Cutoff Value (mA)	Unsigned 16 bits	R/W	250	40029
RMS_A	RMS Current Value (A)	Floating 32 bits	R		40037 (LO) 40038 (HI)
Command	0xC1C0: Save Flash Settings 0xC1A0: Reset (software)	Unsigned 16 bits	R/W		40040
status	Status Register bit 0 =1 : Error flash settings bit 1=1 : Error flash calibration bit 2=1 : Over Range bit 3=1 : Under Range	Unsigned 16 bits	R		40048
RMS_100	RMS Value of Current (A x 100)	Signed 16 bits	R		40050
RMS_sw	RMS Current Value (A) swapped	Floating 32 bits	R		40051 (LO) 40052 (HI)
Ah	Ah counting (resettable)	Floating 32 bits	R/W		40053 (LO) 40054 (HI)
A_MAX	Max current value/100 (resettable)	Signed 16 bits	R/W		40055
A_min	min current value/100 (resettable)	Signed 16 bits	R/W		40056
Data_High	Calibration Data (yy, mm)	Unsigned 16 bits	R		40057
Data_Medium	Calibration Data (day, hour)	Unsigned 16 bits	R		40058
Data_Low	Calibration Data (min, sec)	Unsigned 16 bits	R		40059