Input Registers (Read Only, fc = 4)

Address	Name	Size	Description
0000	SerialNumber	5	Device's serial number
0005	FirmwareVersion	1	Firmware version of the application
0006	MsSinceBoot	4	Milliseconds since boot
000A	SaveEEPROM*	1	Persist settings (in EEPROM)
000B	FactoryDefaults*	1	Reset settings to factory defaults
000C	Reset*	1	Restart application
000D	EnterBootloader*	1	Enter bootloader mode
000E	ChallanceResponse	1	Used to verify code
000F	EnableTestMode	1	Not used
0010	ExternalLock	1	Active external cable lock
0011	I2c errors	1	Read and reset number of internal I2C errors
			*: protected by magic (default: 0xabcd)

Input Registers (Read Only, fc = 4)

Address	Name	Registers	Description
0100	MinPilot	1	Minimum value measured of pilot signal
0101	MaxPilot	1	Maximum value measured of pilot signal
0102 L	MaxCableCurrent	1/2	Current rating of attached cable
0102 H	MaxCurrent	1/2	Advertised current
0103 L	State	1/2	IEC61851 state
0103 H	Error	1/2	Error code
0104	Temperature	1	Temperature of board
0105	CurrentL1	1	Current draw measured on L1
0106	CurrentL2	1	Current draw measured on L2
0107	CurrentL3	1	Current draw measured on L3
0108	EnergySession	1	Energy delivered (in 1/256 KWh) during current charging session
0109	VoltageL1	1	Voltage on L1 output
010A	VoltageL2	1	Voltage on L2 output
010B	VoltageL3	1	Voltage on L3 output
010C	Options	1	bits: 7: x, 6: x, 5: x, 4: x, 3: x, 2: x, 1: 32A/16A, 0: DCL
010D	Energy	2	Total energy delivered (in 1/256 KWh) by board
010F	EnergySessionL1	1	Energy delivered (in 1/256 KWh) during current charging session on L1
0110	EnergySessionL2	1	Energy delivered (in 1/256 KWh) during current charging session on L2
0111	EnergySessionL3	1	Energy delivered (in 1/256 KWh) during current charging session on L3
0112	Earth quality	1	Earth quality (experimental feature)

Input Registers (Read/Write, fc = 3/5/6)

Address	Name	Size	Description
0100 L	ModbusAddress	1/2	Modbus address
0100 H	Discovery	1/2	Not used
0101 L	RemoteMaxCurrent	1/2	Limiting advertised current to this value
0101 H	RemoteMaxCurrentNext Second	1/2	Limiting advertised current to this value for the next second
0102	MagicResetCode	1	Used to change magic code
0103	Challange	1	Used to verify code
0104	Settings	1	bits: 7: x, 6: x, 5: x, 4: x, 3: x, 2: x, 1: LOCK, 0: PHASES
0105	Led	1	value: 0: GRB_ONBOARD, 1: NEO_STRIP_36

Bootloader registers (ModBus address 0xF0)

Address [hex]	Function Code [hex]	Registers	Name	Description
500	4	-	BootloaderVersion	Bootloader version or 0 when address at application modbus address
address	10	64	FlashPage	low address byte indicates flash page, high address indicates "this is the last page"