Last login: Wed Jun 30 06:21:49 on console

You have new mail.

The default interactive shell is now zsh.

To update your account to use zsh, please run `chsh -s /bin/zsh`.

For more details, please visit https://support.apple.com/kb/HT208050.

MoHero:~ masr$ python3 /Users/masr/inverter\_test.py

2021-06-30 06:24:10,750 \_\_init\_\_(59) - DEBUG: Using selector: KqueueSelector

2021-06-30 06:24:10,750 discover(645) - DEBUG: Probing inverter at 192.168.1.47:8899

2021-06-30 06:24:10,750 connection\_made(327) - DEBUG: Send: 'aa55c07f0102000241'

2021-06-30 06:24:11,001 datagram\_received(338) - DEBUG: Received: 'aa557fc001824c3036303640475731304b2d4554202000000000000000000000000000000000393031304b4554553139355730303330000000000000000000000000000000000a30323034312d31362d5330400caa'

2021-06-30 06:24:11,001 discover(651) - DEBUG: Detected ET inverter GW10K-ET, S/N:9010KETU195W0030

Identified inverter

- Model: GW10K-ET

- SerialNr: 9010KETU195W0030

- Version: 02041-16-S0@

2021-06-30 06:24:11,002 \_\_init\_\_(59) - DEBUG: Using selector: KqueueSelector

2021-06-30 06:24:11,002 connection\_made(327) - DEBUG: Send: 'f703891c007d7ae7'

2021-06-30 06:24:11,424 datagram\_received(338) - DEBUG: Received: 'aa55f703fa15061e061808126100030000008d164f000600000157000000000000000000000000000000000000020200000000000000000000000000000000000000000000000000000000000000020000000000000000000000000000000008fd0002138500010000000b08fb0014138700010000013a08f9000313860001000000180000000000000000000000000000014200000000000501450000012600001c180e0910900005000000f000020000000a00020000200202000001d39b0000000300018f730000270c0000000000e6000000035ea8000d000049dc000000002a8100040008000000000000000000000000000003180200000220cc0000b526'

2021-06-30 06:24:11,424 connection\_made(327) - DEBUG: Send: 'f7039088000bbdb1'

2021-06-30 06:24:11,539 datagram\_received(338) - DEBUG: Received: 'aa55f7031600ff011f000100cc001400320000004c006400080000c994'

2021-06-30 06:24:11,539 connection\_made(327) - DEBUG: Send: 'f7038ca00011bbe2'

2021-06-30 06:24:11,804 datagram\_received(338) - DEBUG: Received: 'aa55f703220001002f000a00000000fff0fff0000100000020ff41ff86ff6eff6f13884a6a3d4736cf'

vpv1: PV1 Voltage = 470.5 V

ipv1: PV1 Current = 0.3 A

ppv1: PV1 Power = 141 W

vpv2: PV2 Voltage = 571.1 V

ipv2: PV2 Current = 0.6 A

ppv2: PV2 Power = 343 W

ppv: PV Power = 484 W

xx38: Unknown sensor@38 = 0

xx40: Unknown sensor@40 = 514

vgrid: On-grid L1 Voltage = 0.0 V

igrid: On-grid L1 Current = 0.0 A

fgrid: On-grid L1 Frequency = 0.0 Hz

pgrid: On-grid L1 Power = 0 W

vgrid2: On-grid L2 Voltage = 0.0 V

igrid2: On-grid L2 Current = 0.0 A

fgrid2: On-grid L2 Frequency = 0.0 Hz

pgrid2: On-grid L2 Power = 0 W

vgrid3: On-grid L3 Voltage = 0.0 V

igrid3: On-grid L3 Current = 0.0 A

fgrid3: On-grid L3 Frequency = 0.0 Hz

pgrid3: On-grid L3 Power = 0 W

xx72: Unknown sensor@72 = 2

total\_inverter\_power: Total Power = 0 W

active\_power: Active Power = 0 W

grid\_in\_out: On-grid Mode code = 0

grid\_in\_out\_label: On-grid Mode = Idle

xx82: Unknown sensor@82 = 0

xx84: Unknown sensor@84 = 0

xx86: Unknown sensor@86 = 0

backup\_v1: Back-up L1 Voltage = 230.1 V

backup\_i1: Back-up L1 Current = 0.2 A

backup\_f1: Back-up L1 Frequency = 49.97 Hz

xx96: Unknown sensor@96 = 1

backup\_p1: Back-up L1 Power = 11 W

backup\_v2: Back-up L2 Voltage = 229.9 V

backup\_i2: Back-up L2 Current = 2.0 A

backup\_f2: Back-up L2 Frequency = 49.99 Hz

xx108: Unknown sensor@108 = 1

backup\_p2: Back-up L2 Power = 314 W

backup\_v3: Back-up L3 Voltage = 229.7 V

backup\_i3: Back-up L3 Current = 0.3 A

backup\_f3: Back-up L3 Frequency = 49.98 Hz

xx120: Unknown sensor@120 = 1

backup\_p3: Back-up L3 Power = 24 W

load\_p1: Load L1 = 0 W

load\_p2: Load L2 = 0 W

load\_p3: Load L3 = 0 W

load\_ptotal: Load Total = 0 W

backup\_ptotal: Back-up Power = 322 W

pload: Load = 0 W

xx146: Unknown sensor@146 = 5

temperature2: Inverter Temperature 2 = 32.5 C

xx150: Unknown sensor@150 = 0

temperature: Inverter Temperature = 29.4 C

xx154: Unknown sensor@154 = 0

xx156: Unknown sensor@156 = 7192

xx158: Unknown sensor@158 = 3593

vbattery1: Battery Voltage = 424.0 V

ibattery1: Battery Current = 0.5 A

pbattery1: Battery Power = 212 W

battery\_mode: Battery Mode code = 2

battery\_mode\_label: Battery Mode = Discharge

xx170: Unknown sensor@170 = 0

safety\_country: Safety Country code = 10

safety\_country\_label: Safety Country = France

work\_mode: Work Mode code = 2

work\_mode\_label: Work Mode = Normal (Off-Grid)

xx176: Unknown sensor@176 = 0

error\_codes: Error Codes = 537002496

e\_total: Total PV Generation = 11970.7 kWh

e\_day: Today's PV Generation = 0.3 kWh

xx190: Unknown sensor@190 = 1

s\_total: Total Electricity Sold = -2881.3 kWh

h\_total: Hours Total = 9996

xx198: Unknown sensor@198 = 0

s\_day: Today Electricity Sold = 0.0 kWh

diagnose\_result: Diag Status = 51905024

house\_consumption: House Comsumption = 696 W

battery\_bms: Battery BMS = 255

battery\_index: Battery Index = 287

battery\_temperature: Battery Temperature = 20.4 C

battery\_charge\_limit: Battery Charge Limit = 20 A

battery\_discharge\_limit: Battery Discharge Limit = 50 A

battery\_status: Battery Status = 0

battery\_soc: Battery State of Charge = 76 %

battery\_soh: Battery State of Health = 100 %

battery\_warning: Battery Warning = 0

xxx0: Unknown sensor2@0 = 1

xxx2: Unknown sensor2@2 = 47

xxx4: Unknown sensor2@4 = 10

xxx6: Unknown sensor2@6 = 0

xxx8: Unknown sensor2@8 = 0

xxx10: Unknown sensor2@10 = -16

xxx12: Unknown sensor2@12 = -16

xxx14: Unknown sensor2@14 = 1

xxx16: Unknown sensor2@16 = 0

xxx18: Unknown sensor2@18 = 32

xxx20: Unknown sensor2@20 = -191

xxx22: Unknown sensor2@22 = -122

xxx24: Unknown sensor2@24 = -146

xxx26: Unknown sensor2@26 = -145

xxx28: Unknown sensor2@28 = 5000

xxx30: Unknown sensor2@30 = 19050

xxx32: Unknown sensor2@32 = 15687

MoHero:~ masr$