0x300

First 2 bytes Master total external grid power 0.1s of kW

Second 2 bytes, Slave total external grid power 0.1s of kW

0x301

First 2 bytes, Master total inverter power 0.1s of kW

Second 2 bytes, Slave total inverter power 0.1s of kW

0x302

First two bytes, External tenths of kvar master

Next two bytes, External tenths of kvar slave

0x303

First two bytes, Inverter tenths of kvar master

Next two bytes, Inverter tenths of kvar slave

0x304

First two bytes output voltage master

Next two bytes output voltage slave 1?

Next two bytes output voltage slave 2?

Last two bytes output frequency

0x305

First two bytes, DC voltage

Second 2 bytes, DC current combined system, signed 16bit 0.1A

Last 4 bytes unknown, always seem to be E6,00,DE,03

0x306

Byte 7: Ext relay closed = 0x58 open = 0x4e

There’s likely more info here, possibly bitwise

0x308

(Guess) first two bytes is total Load power.

0x309

First two bytes input voltage

Next two bytes input voltage slave 1?

Next two bytes input voltage slave 2?

last two bytes grid frequency LSB 0.01Hz

0x351

Bytes 1,2 Charge voltage goal. 0.1V Not sure the Sunny Island does anything with this. I suspect it errors out if battery goes above this

Bytes 3,4 Requested charge current, 0.1A

Bytes 5,6 Requested discharge current. 0.1A. Don’t think SunnyIsland does anything with this.

Bytes 7,8 Discharge voltage. 0.1V. Not sure the Sunny Island does anything with this. I suspect it errors out if battery goes below this.

0x355

Byte 1,2 SoC 1%

Byte 3,4 SoH 1%

Bytes 5,6 SoC 0.01%