



PV-1
3.78kWp
Isc = 13.53A
Voc = 359.3V

PV-2
3.78kWp
Isc = 13.53A
Voc = 359.3V

PV-3
3.78kWp
Isc = 13.53A
Voc = 359.3V

PV-4
3.78kWp
Isc = 13.53A
Voc = 359.3V

14.56kWp Solar System
4x(7x540Wp)
(JA SOLAR JAM72S30-540M)

SmartSolar MPPT
RS 450/200-T1
(Victron Energy)

40kWh LiFePO4 Battery Bank
2x(4x5kWh) with Battery
Monitoring Unit and Rack
(BYD)

GX Touch 50
TOUCH DISPLAY

GERBO GX

MULTIPLUS II 48/8000VA

CHANGEOVER
SWITCH 32A

UTILITY GRID

LOAD

RELAY

RELAY

DC+

DC-

VE CAN

VE BUS

VE CAN BATT.

ETHERNET CABLE
(SHIELDED)

AC-OUT1

AC-OUT2

PE

L

N

PE

L

N

N

PE

L

N

PE

L

2P
32A MCB

2P
32A MCB

2P
32A RCBO

2P
32A MCB

L

N

L

N

2P
32A

2P
32A

DC+

DC-

VE CAN

VE CAN

VE CAN

VE CAN

VE CAN

VE CAN

VE CAN

VE CAN

VE CAN

VE CAN

VE CAN

VE CAN