

# EG4 ELECTRONICS

## ESS 9540 Detailed Configuration Requirements - (1) 18kPV w/ (3-6) 100Ah LL

Refer to ETL UL9540 Certificate Of Compliance for Report 230508003GZU-001

	SKU	PP-100A13-18K1-LL	PP-100A14-18K1-LL	PP-100A15-18K1-LL	PP-100A16-18K1-LL
<b>Description</b>	→	One unit of 18kPV Hybrid Inverter with one cabinet & three 48V 100Ah Server rack batteries	One unit of 18kPV Hybrid Inverter with one cabinet & four 48V 100Ah Server rack batteries	One unit of 18kPV Hybrid Inverter with one cabinet & five 48V 100Ah Server rack batteries	One unit of 18kPV Hybrid Inverter with one cabinet & six 48V 100Ah Server rack batteries
<b>EG4 18kPV-12LV</b>	EG4HYB12K00V1	1	1	1	1
<b>EG4-LL 51.2V 100Ah</b>	EG4LL48V100AV3/V4	3	4	5	6
<b>EG4 6-Slot Cabinet</b>	EG4EBR00V00A6SW	1	1	1	1
<b>Pair (+/-) of 2/0 AWG 600Vac, 200C</b>	Non-EG4 Product (Must be UL Listed/Recognized Components)	2	2	2	2
<b>Max Cont. Output Power</b>	→	12kW	12kW	12kW	12kW
<b>Energy Capacity</b>	→	15.36kWh	20.48 kWh	25.6 kWh	30.72 kWh

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## ESS 9540 Detailed Configuration Requirements - (2) 18kPV w/ (6-12) 100Ah LL

Refer to ETL UL9540 Certificate Of Compliance for Report 230508003GZU-001

	SKU	PP-100A26-18K2-LL	PP-100A27-18K2-LL	PP-100A28-18K2-LL	PP-100A29-18K2-LL	PP-100A210-18K2-LL	PP-100A211-18K2-LL	PP-100A212-18K2-LL
<b>Description</b>	→	Two units of 18kPV Hybrid Inverters with one cabinet & six 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & seven 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & eight 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & nine 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & ten 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & eleven 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & twelve 48V 100Ah Server rack batteries
<b>EG4 18kPV-12LV</b>	EG4HYB12K00V1	2	2	2	2	2	2	2
<b>EG4-LL 51.2V 100Ah</b>	EG4LL48V100AV3/V4	6	7	8	9	10	11	12
<b>EG4 6-Slot Cabinet</b>	EG4EBR00V00A6SW	1	2	2	2	2	2	2
<b>Pair (+/-) of 2/0 AWG 600Vac, 200C</b>	Non-EG4 Product (Must be UL Listed/Recognized Components)	4	4	4	4	4	4	4
<b>Max Cont. Output Power</b>	→	24kW	24kW	24kW	24kW	24kW	24kW	24kW
<b>Energy Capacity</b>	→	30.72kWh	35.84kWh	40.96kWh	46.08kWh	51.2kWh	56.32kWh	61.44kWh

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## ESS 9540 Detailed Configuration Requirements - (3) 18kPV w/ (6-12) 100Ah LL

Refer to ETL UL9540 Certificate of Compliance for Report 230508003GZU-001

	SKU	PP-100A27-18K3-LL	PP-100A28-18K3-LL	PP-100A29-18K3-LL	PP-100A210-18K3-LL	PP-100A211-18K3-LL	PP-100A212-18K3-LL
<b>Description</b>	→	Three units of 18kPV Hybrid Inverters with one cabinet & seven 48V 100Ah Server rack batteries	Three units of 18kPV Hybrid Inverters with two cabinets & eight 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & nine 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & ten 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & eleven 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & twelve 48V 100Ah Server rack batteries
<b>EG4 18kPV-12LV</b>	EG4HYB12K00V1	3	3	3	3	3	3
<b>EG4-LL 51.2V 100Ah</b>	EG4LL48V100AV3/V4	7	8	9	10	11	12
<b>EG4 6-Slot Cabinet</b>	EG4EBR00V00A6SW	2	2	2	2	2	2
<b>Pair (+/-) of 2/0 AWG 600Vac, 200C</b>	Non-EG4 Product (Must be UL Listed/Recognized Components)	6	6	6	6	6	6
<b>Max Cont. Output Power</b>	→	36kW	36kW	36kW	36kW	36kW	36kW
<b>Energy Capacity</b>	→	35.84kWh	40.96kWh	46.08kWh	51.2kWh	56.32kWh	61.44kWh

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## ESS 9540 Detailed Configuration Requirements - (1) 18kPV w/ (1-3) WM 280Ah LL

Refer to ETL UL9540 Certificate Of Compliance for Report 231018014GZU-001

	SKU	PP-16/280A1-18K1-AWLL	PP-16/280A2-18K1-AWLL	PP-16/280A3-18K1-AWLL
<b>Description</b>	→	One unit of 18kPV Hybrid Inverter with one 48V 280Ah WallMount battery	One unit of 18kPV Hybrid Inverter with two 48V 280Ah WallMount batteries	One unit of 18kPV Hybrid Inverter with three 48V 280Ah WallMount batteries
<b>EG4 18kPV-12LV</b>	EG4HYB12K00V1	1	1	1
<b>PP-16/280Ah 51.2V</b>	EG4LL48V100AODWMB	1	2	3
<b>EG4 Conduit Box</b>	EG4SP1WMBBCNDTBX	1	2	3
<b>EG4 Paralleling Kit</b>	EG4SPWMBCOMMABLE	0	1	2
<b>Max Cont. Output Power</b>	→	12kW	12kW	12kW
<b>Energy Capacity</b>	→	14.3kWh	28.6kWh	42.9kWh

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## ESS 9540 Detailed Configuration Requirements - (2) 18kPV w/ (2-3) WM 280Ah LL

[Refer to ETL UL9540 Certificate Of Compliance for Report 231018014GZU-001](#)

	SKU	PP-16/280A2-18K2-AWLL	PP-16/280A3-18K2-AWLL
<b>Description</b>	→	Two units of 18kPV Hybrid Inverters with two 48V 280Ah WallMount batteries	Two units of 18kPV Hybrid Inverters with three 48V 280Ah WallMount batteries
<b>EG4 18kPV-12LV</b>	EG4HYB12K00V1	2	2
<b>PP-16/280Ah 51.2V</b>	EG4LL48V100AODWMB	2	3
<b>EG4 Conduit Box</b>	EG4SP1WMBCNDBX	2	3
<b>EG4 Paralleling Kit</b>	EG4SPWMBCOMMCBLE	1	2
<b>Max Cont. Output Power</b>	→	24kW	24kW
<b>Energy Capacity</b>	→	28.6kWh	42.9kWh

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## ESS 9540 Detailed Configuration Requirements - (1) 18kPV w/ (3-6) 100Ah LP

Refer to ETL UL9540 ATM for Report 230614086GZU-002

	SKU	PP-100A13-18K1-LP	PP-100A14-18K1-LP	PP-100A15-18K1-LP	PP-100A16-18K1-LP
<b>Description</b>	→	One unit of 18kPV Hybrid Inverter with one cabinet & three 48V 100Ah Server rack batteries	One unit of 18kPV Hybrid Inverter with one cabinet & four 48V 100Ah Server rack batteries	One unit of 18kPV Hybrid Inverter with one cabinet & five 48V 100Ah Server rack batteries	One unit of 18kPV Hybrid Inverter with one cabinet & six 48V 100Ah Server rack batteries
<b>EG4 18kPV-12LV</b>	EG4HYB12K00V1	1	1	1	1
<b>EG4-LP4 51.2V 100Ah</b>	EG4LP48V100AV1	3	4	5	6
<b>EG4 6-Slot Cabinet</b>	EG4EBR00V00A6SW	1	1	1	1
<b>Pair (+/-) of 2/0 AWG 600Vac, 200C</b>	Non-EG4 Product (Must be UL Listed/Recognized Components)	2	2	2	2
<b>Max Cont. Output Power</b>	→	12kW	12kW	12kW	12kW
<b>Energy Capacity</b>	→	15.36kWh	20.48 kWh	25.6 kWh	30.72 kWh

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## ESS 9540 Detailed Configuration Requirements - (2) 18kPV w/ (6-12) 100Ah LP

Refer to ETL UL9540 ATM for Report 230614086GZU-002

	SKU	PP-100A26-18K2-LP	PP-100A27-18K2-LP	PP-100A28-18K2-LP	PP-100A29-18K2-LP	PP-100A210-18K2-LP	PP-100A211-18K2-LP	PP-100A212-18K2-LP
<b>Description</b>	→	Two units of 18kPV Hybrid Inverters with one cabinet & six 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & seven 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & eight 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & nine 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & ten 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & eleven 48V 100Ah Server rack batteries	Two units of 18kPV Hybrid Inverters with two cabinets & twelve 48V 100Ah Server rack batteries
<b>EG4 18kPV-12LV</b>	EG4HYB12K00V1	2	2	2	2	2	2	2
<b>EG4-LP4 51.2V 100Ah</b>	EG4LP48V100AV1	6	7	8	9	10	11	12
<b>EG4 6-Slot Cabinet</b>	EG4EBR00V00A6SW	1	2	2	2	2	2	2
<b>Pair (+/-) of 2/0 AWG 600Vac, 200C</b>	Non-EG4 Product (Must be UL Listed/Recognized Components)	4	4	4	4	4	4	4
<b>Max Cont. Output Power</b>	→	24kW	24kW	24kW	24kW	24kW	24kW	24kW
<b>Energy Capacity</b>	→	30.72kWh	35.84kWh	40.96kWh	46.08kWh	51.2kWh	56.32kWh	61.44kWh