

EG4 ELECTRONICS

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
Description	→	Two units of 18kPV Hybrid Inverters with two 48V 280Ah WallMount batteries	Two units of 18kPV Hybrid Inverters with three 48V 280Ah WallMount batteries
EG4 18kPV-12LV	EG4HYB12K00V1	2	2
PP-16/280Ah 51.2V	EG4LL48V100AODWMB	2	3
EG4 Conduit Box	EG4SP1WMBCNDBX	2	3
EG4 Paralleling Kit	EG4SPWMBCOMMCBLE	1	2
Max Cont. Output Power	→	24kW	24kW
Energy Capacity	→	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
Description	→	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
EG4 18kPV-12LV	EG4HYB12K00V1	1	1	1	1
EG4-LP4 51.2V 100Ah	EG4LP48V100AV1	3	4	5	6
EG4 6-Slot Cabinet	EG4EBR00V00A6SW	1	1	1	1
Pair (+/-) of 2/0 AWG 600Vac, 200C	Non-EG4 Product (Must be UL Listed/Recognized Components)	2	2	2	2
Max Cont. Output Power	→	12kW	12kW	12kW	12kW
Energy Capacity	→	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
Description	→	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
EG4 18kPV-12LV	EG4HYB12K00V1	2	2	2	2	2	2	2
EG4-LP4 51.2V 100Ah	EG4LP48V100AV1	6	7	8	9	10	11	12
EG4 6-Slot Cabinet	EG4EBR00V00A6SW	1	2	2	2	2	2	2
Pair (+/-) of 2/0 AWG 600Vac, 200C	Non-EG4 Product (Must be UL Listed/Recognized Components)	4	4	4	4	4	4	4
Max Cont. Output Power	→	24kW	24kW	24kW	24kW	24kW	24kW	24kW
Energy Capacity	→	30.72kWh	35.84kWh	40.96kWh	46.08kWh	51.2kWh	56.32kWh	61.44kWh