

EQ4800 Range (Max 50A charge/discharge):

	Inverter Rated Output Power	Inverter Max Charge/Discharge Current	EQ4800-L2 1x EQ4800-M 1x EQ4800-S	EQ4800-L3 1x EQ4800-M 2x EQ4800-S	EQ4800-L4 1x EQ4800-M 3x EQ4800-S	EQ4800-L5 1x EQ4800-M 4x EQ4800-S	EQ4800-L6 1x EQ4800-M 5x EQ4800-S	EQ4800-L7 1x EQ4800-M 6x EQ4800-S	EQ4800-L8 1x EQ4800-M 7x EQ4800-S	EQ4800-L9 1x EQ4800-M 8x EQ4800-S
Battery Capacity	-	-	9.32kWh	13.98kWh	18.64kWh	23.30kWh	27.96kWh	32.61kWh	37.27kWh	41.93kWh
Battery Rated Charge/Discharge Power	-	-	4.48kW	6.72kW	8.96kW	11.20kW	13.44kW	15.68kW	17.92kW	20.16kW
H1-3.0-E-G2 / AC1-3.0-E-G2	3kW	40A	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW	Yes Max. 3kW
H1-3.7-E-G2 / AC1-3.7-E-G2	3.7kW	40A	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW	Yes Max. 3.7kW
H1-4.6-E-G2 / AC1-4.6-E-G2	4.6kW	40A	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW	Yes Max. 4.6kW
H1-5.0-E-G2 / AC1-5.0-E-G2	5kW	40A	Yes* Max. 4.48kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW
H1-6.0-E-G2 / AC1-6.0-E-G2	6kW	40A	Yes* Max. 4.48kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW
KH7 / KA7	7kW	50A	Yes* Max. 4.48kW	Yes* Max. 6.72kW	Yes Max. 7kW	Yes Max. 7kW	Yes Max. 7kW	Yes Max. 7kW	Yes Max. 7kW	Yes Max. 7kW
KH8 / KA8	8kW	50A	Yes* Max. 4.48kW	Yes* Max. 6.72kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW
KH9 / KA9	9kW	50A	Yes* Max. 4.48kW	Yes* Max. 6.72kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW
KH9.9/KA9.9	9.9kW	50A	Yes* Max. 4.48kW	Yes* Max. 6.72kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW
KH10 / KA10	10kW	50A	Yes* Max. 4.48kW	Yes* Max. 6.72kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW
KH10.5/KA10.5	10.5kW	50A	Yes* Max. 4.48kW	Yes* Max. 6.72kW	Yes Max. 10.5kW	Yes Max. 10.5kW	Yes Max. 10.5kW	Yes Max. 10.5kW	Yes Max. 10.5kW	Yes Max. 10.5kW
H3-5.0-Smart	5kW	50A	No Does not meet inverter output	No Does not meet inverter output	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW	Yes Max. 5kW
H3-6.0-Smart	6kW	50A	No Does not meet inverter output	No Does not meet inverter output	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW	Yes Max. 6kW
H3-8.0-Smart	8kW	50A	No Does not meet inverter output	No Does not meet inverter output	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW	Yes Max. 8kW
H3-9.9-Smart	9.9kW	50A	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW	Yes Max. 9kW
H3-10.0-Smart	10kW	50A	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW	Yes Max. 10kW
H3-12.0-Smart	12kW	50A	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes* Max. 11.2kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW	Yes Max. 12kW
H3-15.0-Smart	15kW	50A	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes* Max. 11.2kW	Yes* Max. 13.44kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW
H3-15.0-Pro	15kW	50A (One Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes* Max. 11.2kW	Yes* Max. 13.44kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW
		50A + 50A (Two Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW	Yes Max. 15kW
H3-20.0-Pro	20kW	50A (One Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes* Max. 11.2kW	Yes* Max. 13.44kW	Yes* Max. 15.68kW	Yes* Max. 17.92kW	Yes Max. 20kW
		50A + 50A (Two Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 17.92kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW	Yes Max. 20kW
H3-25.0-Pro	25kW	50A (One Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes* Max. 11.2kW	Yes* Max. 13.44kW	Yes* Max. 15.68kW	Yes* Max. 17.92kW	Yes* Max. 20.16kW
		50A + 50A (Two Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 17.92kW	Yes* Max. 22.4kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW	Yes Max. 25kW
H3-29.9-Pro	29.9kW	50A (One Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes* Max. 11.2kW	Yes* Max. 13.44kW	Yes* Max. 15.68kW	Yes* Max. 17.92kW	Yes* Max. 20.16kW
		50A + 50A (Two Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 17.92kW	Yes* Max. 22.4kW	Yes* Max. 26.88kW	Yes Max. 29.9kW	Yes Max. 29.9kW	Yes Max. 29.9kW
H3-30.0-Pro	30kW	50A (One Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 8.96kW	Yes* Max. 11.2kW	Yes* Max. 13.44kW	Yes* Max. 15.68kW	Yes* Max. 17.92kW	Yes* Max. 20.16kW
		50A + 50A (Two Battery Stack)	No Does not meet inverter output	No Does not meet inverter output	Yes* Max. 17.92kW	Yes* Max. 22.4kW	Yes* Max. 26.88kW	Yes Max. 30kW	Yes Max. 30kW	Yes Max. 30kW



Please refer to the following page for explanation of colour codes:

No	No permitted. Voltages are outside of inverter rated input limits. Please refer to inverter data sheets for more information.
Yes*	Will supply kWh, but will not supply full power of inverter rated power from battery alone. The number quoted is maximum battery discharge. The surplus needs to come from PV. Please refer to battery data sheet for more information.
Yes	100% Compatible. Inverter can discharge at full rated output power.

Supplementary power:

The numbers stated are purely battery discharge/charge ratings (please refer to battery data sheets). If the battery power is insufficient, the power can be made up by PV generation to the inverter's capacity. The PV is still the primary source to supply house loads during an outage or normal use, and any surplus will charge the battery if needed. If the power generated by PV is not required for battery charge, the inverter will decide to meet loads only in an outage, or be supplemented from the grid in normal use.

Please refer to the product manuals for further information.

DC cable sizing:

EQ series: minimum 10mm² (50A charge/discharge).

Battery cable crimping guide can be found separately, and appropriate standards and regulations must be followed.