

EP11 Range (Max 27A charge/discharge):



	<i>Inverter Rated Output Power</i>	<i>Inverter Max Charge/Discharge Current</i>	<i>1x EP11</i>	<i>2x EP11*</i>	<i>3x EP11*</i>	<i>4xEP11*</i>
Battery Capacity			<i>10.36kWh</i>	<i>20.72kWh</i>	<i>31.08kWh</i>	<i>41.44kWh</i>
Battery Rated Charge/Discharge Power			<i>10.36kW</i>	<i>19.2kW</i>	<i>19.2kW</i>	<i>19.2kW</i>
H1-3.0-E-G2 / AC1-3.0-E-G2	3kW	40A	Yes	Yes	Yes	Yes
H1-5.0-E-G2 / AC1-5.0-E-G2	5kW	40A	Yes	Yes	Yes	Yes
H1-6.0-E-G2 / AC1-6.0-E-G2	6kW	40A	Yes	Yes	Yes	Yes
KH7 / KA7	7kW	50A	Yes	Yes	Yes	Yes
KH8 / KA8	8kW	50A	Yes	Yes	Yes	Yes
KH9 / KA9	9kW	50A	Yes	Yes	Yes	Yes
KH9.9/KA9.9	9.9kW	50A	Yes	Yes	Yes	Yes
KH10 / KA10	10kW	50A	Yes	Yes	Yes	Yes
H3-5.0-Smart	5kW	50A	Yes	Yes	Yes	Yes
H3-6.0-Smart	6kW	50A	Yes	Yes	Yes	Yes
H3-8.0-Smart	8kW	50A	Yes	Yes	Yes	Yes
H3-9.9-Smart	9.9kW	50A	Yes	Yes	Yes	Yes
H3-10.0-Smart	10kW	50A	Yes	Yes	Yes	Yes
H3-12.0-Smart	12kW	50A	Yes* Max. 10.36kW	Yes	Yes	Yes
H3-15.0-Smart	15kW	50A	Yes* Max. 10.36kW	Yes	Yes	Yes

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

No	Not permitted. Voltages are outside of inverters 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 datasheets). If the battery power is insufficient, the power can be made up by PV generation to the inverters 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 derate 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:

EP series: minimum 6mm² (27A charge/discharge) for EP11. If HV Junction Box in use, cable needs to select minimum 25mm² (peak current is 65A);

*HV Junction Box needed to use to parallel 2-4 units of EP11.