

# Fronius GEN24 + BYD Sizing Guide



USEABLE CAPACITY

	4.6kW Primo	5kW Primo	6kW Primo	8kW Primo	10kW Primo	6kW Symo	8kW Symo	10 kW Symo
5.1 kWh BYD HVS	4.5 kW max at night 4.6 kW max with solar □□□	4.5 kW max at night 5 kW max with solar □□□	4.5 kW max at night 6 kW max with solar □□□	4.5 kW max at night 8 kW max with solar □□□	4.5 kW max at night 10 kW max with solar □□□	4.5 kW max at night 6 kW max with solar 3.68 kW max on 1 phase □□□	4.5 kW max at night 8 kW max with solar 3.68 kW max on 1 phase □□□	4.5 kW max at night 10 kW max with solar 3.68 kW max on 1 phase □□□
7.7 kWh BYD HVS	4.6 kW max at night 4.6 kW max with solar □□□	5 kW max at night 5 kW max with solar □□□	6 kW max at night 6 kW max with solar □□□	6.7 kW max at night 8 kW max with solar □□□	6.7 kW max at night 10 kW max with solar □□□	6 kW max at night 6 kW max with solar 3.68 kW max on 1 phase □□□	6.7 kW max at night 8 kW max with solar 3.68 kW max on 1 phase □□□	6.7 kW max at night 10 kW max with solar 3.68 kW max on 1 phase □□□
10.2 kWh BYD HVS	NA	NA	NA	NA	NA	6 kW max at night 6 kW max with solar 3.68 kW max on 1 phase □□□	8 kW max at night 8 kW max with solar 3.68 kW max on 1 phase □□□	9 kW max at night 10 kW max with solar 3.68 kW max on 1 phase □□□
11.0 kWh BYD HVM	4.5 kW max at night 4.6 kW max with solar □□□	4.5 kW max at night 5 kW max with solar □□□	4.5 kW max at night 6 kW max with solar □□□	4.5 kW max at night 8 kW max with solar □□□	4.5 kW max at night 10 kW max with solar □□□	4.5 kW max at night 6 kW max with solar 3.68 kW max on 1 phase □□□	4.5 kW max at night 8 kW max with solar 3.68 kW max on 1 phase □□□	4.5 kW max at night 10 kW max with solar 3.68 kW max on 1 phase □□□
13.8 kWh BYD HVM	4.6 kW max at night 4.6 kW max with solar □□□	5 kW max at night 5 kW max with solar □□□	5.6 kW max at night 6 kW max with solar □□□	5.6 kW max at night 8 kW max with solar □□□	5.6 kW max at night 10 kW max with solar □□□	5.6 kW max at night 6 kW max with solar 3.68 kW max on 1 phase □□□	5.6 kW max at night 8 kW max with solar 3.68 kW max on 1 phase □□□	5.6 kW max at night 10 kW max with solar 3.68 kW max on 1 phase □□□
16.6 kWh BYD HVM	4.6 kW max at night 4.6 kW max with solar □□□	5 kW max at night 5 kW max with solar □□□	6 kW max at night 6 kW max with solar □□□	6.7 kW max at night 8 kW max with solar □□□	6.7 kW max at night 10 kW max with solar □□□	6 kW max at night 6 kW max with solar 3.68 kW max on 1 phase □□□	6.7 kW max at night 8 kW max with solar 3.68 kW max on 1 phase □□□	6.7 kW max at night 10 kW max with solar 3.68 kW max on 1 phase □□□
19.3 kWh BYD HVM	4.6 kW max at night 4.6 kW max with solar □□□	5 kW max at night 5 kW max with solar □□□	6 kW max at night 6 kW max with solar □□□	7.8 kW max at night 8 kW max with solar □□□	7.8 kW max at night 10 kW max with solar □□□	6 kW max at night 6 kW max with solar 3.68 kW max on 1 phase □□□	7.8 kW max at night 8 kW max with solar 3.68 kW max on 1 phase □□□	7.8 kW max at night 10 kW max with solar 3.68 kW max on 1 phase □□□
22.1 kWh BYD HVM	NA	NA	NA	NA	NA	6 kW max at night 6 kW max with solar 3.68 kW max on 1 phase □□	8 kW max at night 8 kW max with solar 3.68 kW max on 1 phase □□	9 kW max at night 10 kW max with solar 3.68 kW max on 1 phase □□

“Max at night”: how fast the battery can discharge in a blackout at night (and charge/discharge during normal operation).

“Max with solar”: the max power the solar/battery system can provide in a blackout if the sun is shining.

□□ 2 stacks max □□□ 3 stacks max • Parallel stacks increase the capacity of the battery, but the charging and discharging power remain the same as when operating a single stack.