

COMPARISON TABLE

	Sonnen Eco 8.6	Powerwall 2	LG Chem
Nameplate Capacity	6kWh	13.5kWh	9.8kWh
Guaranteed Capacity	6kWh	9.45kWh	7.84kWh (7 years), 5.88kWh (7-10 years)
Cycles per day	2.7	1	1
Max kWh per day	16.2kWh	9.45kWh	7.84kWh (7 years), 5.88kWh (7-10 years)
Warranty Cycles	10,000	“Unlimited” but only 1 cycle per day = 3650	6000
Warranty Cycles if used for backup	10,000	2,800	4800
Total Lifetime delivered energy (under warranty)	60,000 kWh	37,000kWh	26,469kWh
Lifetime in years	20	10	10
Price (per kWh)	\$0.23*	\$0.38*	\$0.28*
Cell Chemistry	Lithium Iron Phosphate (LFePO4)	Nickel Manganese Cobalt (NMC)	Nickel Manganese Cobalt (NMC)
Temperature at 100% performance guaranteed	40 degrees Celsius	27 degrees Celsius	45 degrees Celsius
Single Phase Connection	Yes	Yes	Yes
Three Phase Connection	Yes	No	No
Energy Manager	Included	No	No
Weather Data for forecasting	Included	No	No
Grid Services Enabled	Included	No	No
Integrated Switches	Included	No	No
Pre-wired	Included	No	No
Smart Home Read	Included	No	No
One man installation	Yes	No	No

Notes: The Powerwall 2 are only selling the batteries by themselves but you need other components to make it work and the installation takes 4 people 2 days to install.

*Price per kWh based on price of retail of PW2 = \$9,600 LG = \$7400