

GLOSSARY

This glossary contains definitions of certain technical terms used in this document in connection with us and our business. These may not correspond to standard industry definitions, and may not be comparable to similarly terms adopted by other companies.

“AC”	alternate currents
“AFCI”	arc fault circuit-interrupter
“AI”	artificial intelligence
“AIDC”	AI Data Center, a specialized data center designed to support artificial intelligence workloads
“anti-PID”	anti-potential induced degradation
“C&I”	commercial and industrial
“DC”	direct currents
“EMS”	energy management system, a combined system that monitors, controls, and optimizes energy use
“EPC”	engineering, procurement and construction firm
“ESS”	energy storage system, a system of technologies and solutions that stores energy in electrical, chemical or mechanical forms for later use, enabling the balancing of supply and demand, improving energy efficiency and enhancing the reliability and stability of power systems
“EV”	electric vehicles
“FQC”	final quality control
“GW”	gigawatt, a unit for measuring power, 1 GW=1 billion watts
“GWh”	gigawatt-hours, a unit of electric energy, 1 GWh=1 billion Wh
“IGBT”	insulated gate bipolar transistor
“IoT”	the internet of things
“IQC”	incoming quality control
“LCOE”	levelized cost of electricity, the average cost per unit of electricity generated, including all costs such as construction, operation, maintenance and raw material
“LFP battery”	lithium iron phosphate battery
“MBD”	model based design

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“OLED”	organic light-emitting diode, a light-emitting diode in which the emissive electroluminescent layer is a film of organic compound that emits light in response to an electric current
“PV”	photovoltaic
“SOC”	state of charge, the level of charge of an electric battery relatively to its capacity
“SPD”	surge protection device
“UPS”	uninterruptible power supply
“Vac”	voltage that derives alternating current
“Vdc”	voltage that induces direct current
“VPP”	virtual power plant, a network of decentralized, medium-scale power generating units as well as flexible power consumers and storage systems