

GLOSSARY

In this document, unless the context otherwise requires, explanations and definitions of certain terms used in this document in connection with our Group and our business shall have the meanings set out below. The terms and their meanings may not correspond to standard industry meanings or usage of these terms.

“AB battery system”	a single battery system that combines two different types of battery cells
“battery electric vehicle” or “BEV”	a type of vehicle propelled solely by battery-powered electric motors, without using internal combustion engines
“behind-the-meter” energy storage or “BTM” energy storage	a type of energy storage system installed on the load side of the grid
“BMS”	Battery Management System
“C” or “C-rate”	charge and discharge rate, an indicator for battery charge and discharge speed. A 1C rating means a battery can be charged or discharged completely in one hour at its rated capacity; a 4C rating means a battery can be charged or discharged completely in 15 minutes at its rated capacity
“cascade utilization”	the reuse (which may or may not involve additional limited processing) of retired rechargeable batteries in another application
“cell”	battery cell
“condensed battery”	a type of lithium-ion battery with electrolyte containing condensed matter
“CTC”	cell-to-chassis, a technology that integrates battery cells directly into the vehicle chassis without modules nor packs
“CTP”	cell-to-pack, a technology that integrates battery cells directly into the battery pack without modules
“CV”	commercial vehicles

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“DPPB”	defective parts per billion, a quality control measurement in manufacturing
“DPPM”	defective parts per million, a quality control measurement in manufacturing
“E-Bus”	buses fully or partially propelled by battery-powered electric motors
“E-LCV”	light commercial vehicles, including vans and light-duty trucks, fully or partially propelled by battery-power electric motors
“E-Truck”	medium- and heavy-duty trucks fully or partially propelled by battery-powered electric motors
“electric vehicle” or “EV”	vehicles powered fully or partially by battery, comprising of BEV and PHEV
“energy density”	the amount of energy that can be stored within a given volume or given mass
“ESS”	energy storage system
“ESS battery”	a battery used for energy storage system
“EV battery”	a battery used in EV and other hybrid vehicles, machinery, vessel, aircraft and other mobility applications
“front-of-the-meter” energy storage system or “FTM” energy storage system	a type of energy storage system installed on the utility or grid side
“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
“kW”	kilowatt, a unit for measuring power, 1 kW=1,000 watts
“kWh”	kilowatt-hours, a unit of electric energy, 1 kWh=1,000 Wh

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“L2” and “L3”	two of the five levels of driving automation, classified by SAE International
“LFP battery”	a lithium-ion battery that uses lithium iron phosphate (LiFePO ₄) as the cathode material
“life cycle”	the number of times (or cycles) a battery can charge and discharge until its retirement
“lighthouse factory”	World Economic Forum-recognized factories, showcasing best practices in the application of Fourth Industrial Revolution (4IR or Industry 4.0) technologies and representing the highest level of global intelligent manufacturing and digitalization
“lithium-ion battery”	rechargeable batteries that utilize lithium ions as conductive ions that move between the anode and cathode, and charge and discharge through the mutual conversion of chemical energy and electrical energy
“M3P battery”	a lithium-ion battery that incorporates phosphate, manganese or other metals in its cathode materials
“microgrid”	a local power generation and distribution system integrating distributed energy sources, storage devices, energy conversion equipment, loads, and monitoring and protection devices, etc., which is able to operate on and off grid
“MWh”	Megawatt-hours, a unit of electric energy, 1 MWh=1 million Wh
“NCM”	nickel-cobalt-manganese ternary materials, which can be used as cathode materials for ternary batteries. Given different ratios of nickel, cobalt and manganese, it can be classified into NCM523, NCM622, NCM811, etc.
“Net Zero Tracker”	a global database and analytical tool that monitors net zero commitments from countries, regions, cities, and major companies
“NEV”	new energy vehicles, including EV, hydrogen and other new type of fuel cell vehicles

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“PHEV”	plug-in hybrid electric vehicles (including REV)
“PV”	passenger vehicles
“REV”	extended-range electric vehicles
“sodium-ion battery”	batteries that utilize sodium ions as conductive ions that move between the anode and cathode, and charge and discharge through the mutual conversion of chemical energy and electrical energy
“solid-state battery”	a type of rechargeable lithium-ion batteries that use solid-state electrolyte
“ternary battery”	a type of batteries that integrates a cathode composed of three metallic elements, such as nickel, cobalt and manganese
“TWh”	Terawatt-hours, a unit of electric energy, 1 TWh=1 billion kWh
“W”	watt, a unit for measuring power
“Wh/kg”	Watt hour per kilogram