

GLOSSARY OF TECHNICAL TERMS

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

“AI”	Artificial Intelligence
“AR/VR”	Augmented Reality/Virtual Reality
“CAGR”	compound annual growth rate
“CEC”	chloroethylene carbonate
“CEI”	cathode electrolyte interphase, is a passivation layer that develops on the surface of the cathode in lithium-ion batteries
“CNT”	carbon nanotube
“COD”	chemical oxygen demand
“CVD”	chemical vapor deposition
“DMC”	dimethyl carbonate
“DTD”	1, 3, 2-dioxathiolane-2, 2-dioxide
“EC”	ethylene carbonate
“EHS”	environment, health and safety
“electrolyte”	electrolyte for lithium-ion batteries
“electrolyte supplier(s)”	electrolyte supplier(s) whose primary business objective is external sales of electrolyte products
“energy density”	the amount of energy that can be stored within a given volume or given mass
“ERP”	enterprise resource planning
“ESS”	energy storage system
“EV”	electric vehicle, a type of vehicle powered fully or partially by battery, including battery electric vehicles and plug-in hybrid electric vehicles
“eVTOLs”	electric vertical take-off and landing aircraft
“FEC”	fluoroethylene carbonate
“GFA”	gross floor area
“GHG”	greenhouse gas
“GWh”	gigawatt-hour, a unit of energy that represents one billion Wh
“HF”	hydrofluoric acid
“IATF”	International Automotive Task Force
“IATF 16949”	international technical specification of automotive industry quality management system, which was prepared by International Automotive Task Force (IATF) and ISO

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“ICE”	initial coulombic efficiency
“IPTS”	isocyanatopropyltriethoxy silane
“ISO”	the International Organization for Standardization, an independent, non-governmental organization that develops and publishes international standards
“ISO 14001”	an internationally recognized standard for environmental management system published by the ISO
“ISO 27001”	an internationally recognized standard for information security management system published by the ISO
“ISO 45001”	an internationally recognized standard for Occupational Health and Safety Management Systems published by the ISO
“ISO 9001”	an internationally recognized standard for Quality Management Systems published by the ISO
“KF”	potassium fluoride
“kilotonne”	a unit of mass equal to 1,000 metric tonnes
“LFP”	lithium iron phosphate
“LiBOB”	lithium bis(oxalato)borate
“LiDFOB”	lithium difluoro(oxalato)borate
“LiF”	lithium fluoride
“LiFSI”	lithium bis(fluorosulfonyl)imide
“LiPF ₆ ”	lithium hexafluorophosphate
“liquid-state battery”	a type of rechargeable lithium-ion batteries that use liquid state electrolyte
“LiTFSI”	lithium bis(trifluoromethanesulfonyl)imide
“lithium-ion battery”	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
“LMO”	lithium manganese oxide
“M&A”	mergers and acquisitions
“mAh/g”	milliampere-hour per gram
“MMDS”	methylene methanedisulfonate
“MVR”	mechanical vapor recompression
“NCM”	Ni-Co-Mn
“NEV”	new energy vehicles, including EV, hydrogen and other new type of fuel cell vehicles

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“OA”	office automation system, a software solution that facilitates the management, automation, and streamlining of routine office tasks and workflows, such as document management, communication, scheduling, and information sharing, enhancing organizational efficiency and collaboration
“PAA”	polyacrylic acid
“power battery”	rechargeable battery that provides energy for electric drive systems in transportations such as EVs, vessels and eVTOLs
“PVA”	polyvinyl alcohol
“R&D”	research and development
“SEI”	solid electrolyte interphase, is a passivation layer that forms on the surface of the anode in lithium-ion batteries
“Si-C”	silicon carbide
“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
“solvation”	the process by which solvent molecules surround and interact with dissolved ions or molecules
“SRM”	supplier relationship management system, a specialized platform designed to manage, evaluate, and optimize interactions with suppliers, focusing on procurement processes, supplier performance, contract management and risk mitigation to strengthen supply chain relationships and value
“SSE”	a solid material that conducts ions between the anode and cathode in a battery
“SWCNTs”	single-walled carbon nanotubes
“tCO ₂ e”	tons of carbon dioxide equivalent, standardized unit measuring greenhouse gas emissions impact as CO ₂
“TEA”	triethylamine
“TESPI”	triethoxysilylpropyl isocyanate
“TFE”	thin-film evaporators
“tonne”	one tonne equals 1,000 kilograms
“TWh”	terawatt-hours, a unit of electric energy, 1 TWh = 1 billion kWh
“TWS”	True Wireless Stereo
“VC”	vinylene carbonate
“VOC”	volatile organic compounds
“Wh”	Watt-hour, a unit of electric energy