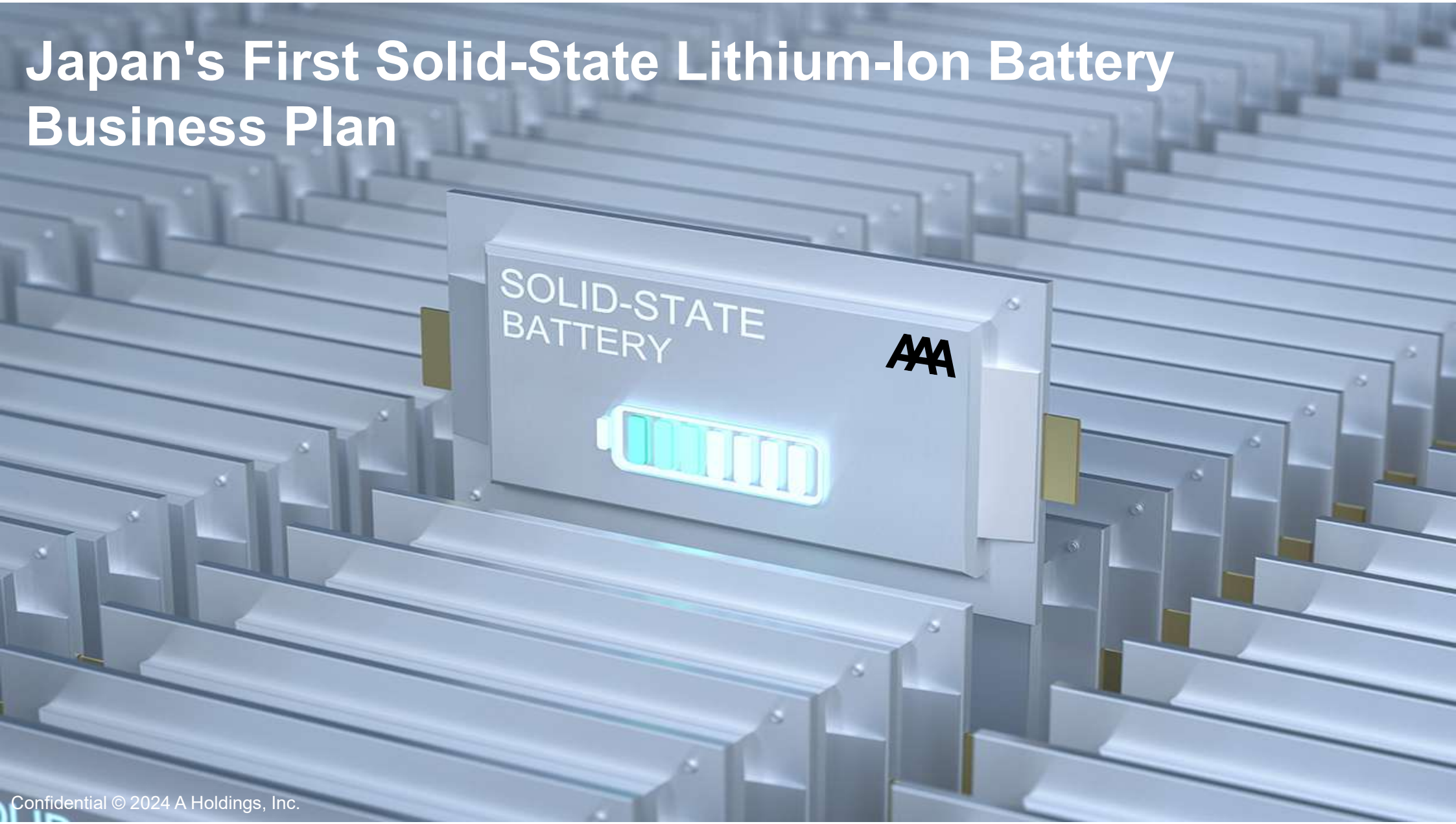
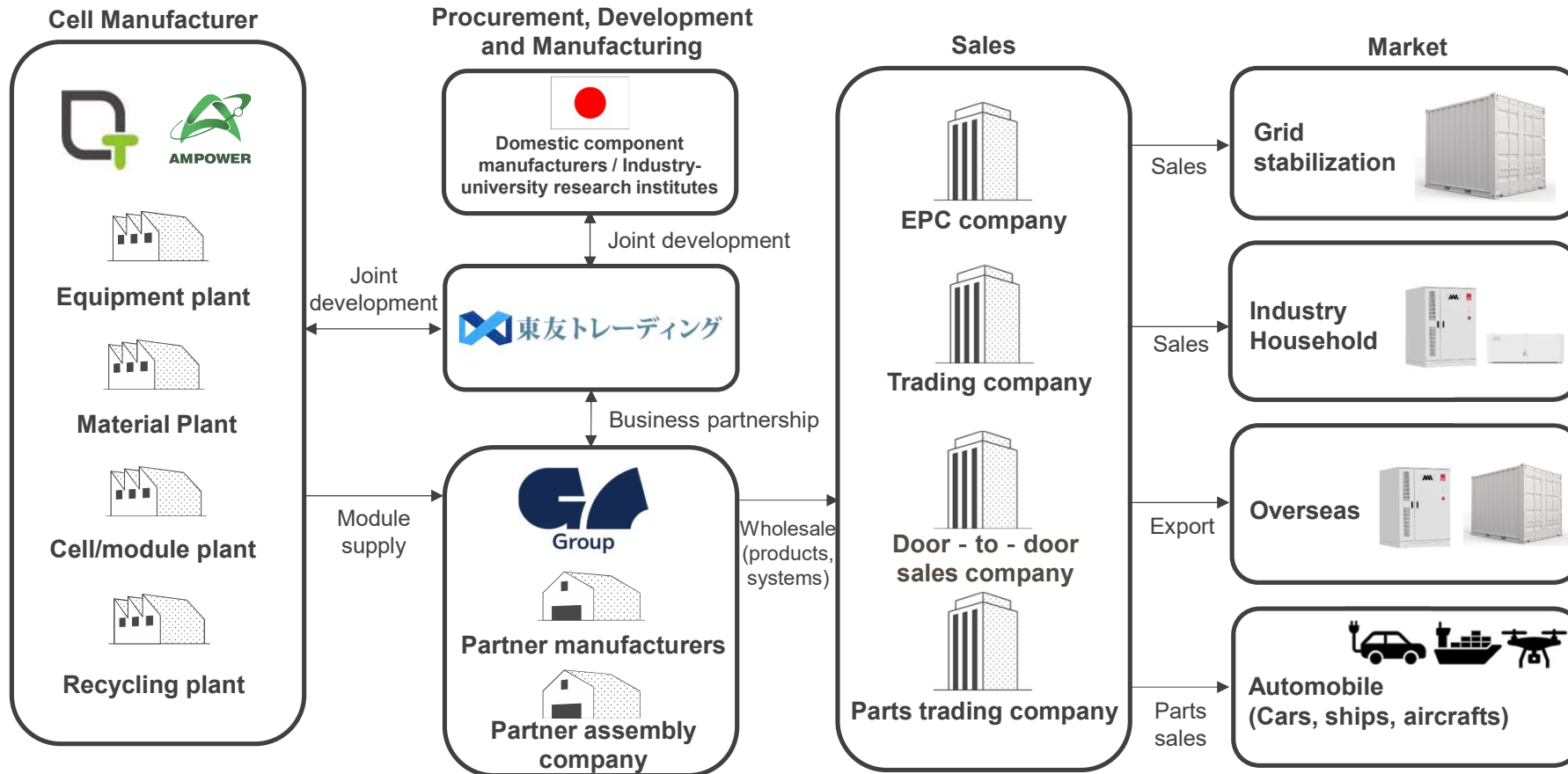



Japan's First Solid-State Lithium-Ion Battery Business Plan



All-Solid-State Battery Business Model



Performance Comparison with Liquid Lithium-Ion Batteries

	Conventional lithium-ion battery	 清陶能源 <small>自强不息 创领未来</small>
Electrolyte	Liquid	Solid-state
Safety	Danger of liquid leakage, heat generation, and ignition	No liquid leakage, no heat generation, no ignition
Capacity per cell	30 Ah	300 Ah
Energy density	180 Wh/kg	368 Wh/kg
Self discharge rate	4% per month	1% per year
Operating temperature	0°C ~ 50°C	-20°C ~ 55°C
Fast charge/discharge	5 C	80 C
Charge/discharge cycles	5,000 <small>* Depends on operating environment and conditions</small>	20,000 <small>* Depends on operating environment and conditions</small>
Life span	15 years	55 years