KOREAN COMPANY PROFILE KOTRA												
사업 참여방식 선택				현장참가 ( v )		미현장참가 ( )						
TERAON CO.,			_TD.	T⊡R∧⊍N		TIER           OEM           ☐ Tier 1           ☑ Tier 2           ☐ Tier 3           ☐ A/S & MRO	✓ Aerospac ✓ Automoti Heavy Ec ✓ IT/Electro Machinen ✓ Materials	INDUSTR ive quipment nrics Y	Y(AREA) Medical Plant Equipment Power Equipment Shipbuilding Others : ( )			
		GENERAL INF	FORMATION				FINANCIAL& EXPORT DATA					
Registered Number	사업자 등록번호	Established Year	2018	Certifications	150 9001, 14001 IATA 16949	(mil US\$)	2022 2023		2023			
HQ	Anseong, Korea	Overseas Sales Office & Plant	_	Number of employees (*R&D)	34(20)	Annual Sales	825000000 Won 211000000		211000000 Won			
location						Annual Exports		-	-			
	·			SALES IN	FORMATION	l		1				
Major sales region (%)	주요 판매 지역 달 Korea (100%)	및 비중 작성	Major customer (%)	주요 고객 및 비종 현대자동차 (100	중 작성 %)		Major products (%)	주요 제품 및 매출 Nano-carbon-bas heaters for EV Int	비중 작성 ed far-infrared radiation terior (100%)			
	1		1	PRODUCT I	NFORMATI	N		•				
Nano-carbon-based far-infrared radiation heaters for EV Interior This solution serves as a winter enhancement for battery efficiency, power consumption reduction in EVs and a core technology for enhancing driving range. Electric vehicles are susceptible to winter conditions compared to internal combustion engine vehicles, leading to decreased battery performance and reduced driving range due to heating power consumption. Our EV interior radiant heater can save up to 50% of heating power during winter, resulting in a maximu 15% improvement in driving range. Additionally, it offers superior heating compared to fan-based												
Nano-carbon-based far-infrared radiation heaters for EV Interior			Internally embedded trim applications for EV interior heating include Crash pad, Door trim, Center Console, Foot Lamp, Glove Box, Seat Back, and Floor. Our developed EV interior radiant heater has been exclusively selected for Korean Global Premium EV model, and is currently in mass production for its release in February 2026. Product Features:									
Nano-carbon-based far-infrared radiation heaters for EV Interior			High-temperature and power reduction performance: Rapid heating to 250°C (within 10 seconds), with over 98.2% heating uniformity. Product stability and durability: Over 50,000 hours of long-term durability, resistance to physical damage, and human protection safety technology. Design/fabrication freedom and spatial efficiency: No constraints on product shape/size, allowing freedom in designing temperature/output/heat density/power consumption.									
<ul> <li>TERAON's VESTATON® provides an innovative solution to these problems.</li> <li>Reduces heating power by up to 50% or more: TERAON's heating solution is more energy efficient the conventional heating systems, which significantly increases the range of electric vehicles and helps redubattery consumption.</li> <li>Fast heating speed: Radiant heating systems deliver heat directly to the occupants instead of warmin the air with wind, providing fast heating speed.</li> <li>Thermal comfort: TERAON's radiant warmers deliver far-infrared heat for a comfortable heating experience. This significantly reduces odors, noise, dust, etc. and eliminates the unpleasant sensation o wind blowing directly against the skin. This comfort, combined with the premium design of the NeoLune blends seamlessly into the interior of the vehicle and provides the highest level of comfort for the occupants.</li> </ul>									e energy efficient than nicles and helps reduce s instead of warming rtable heating leasant sensation of isign of the NeoLune, omfort for the			
	제품명			Door trim & Arm rest	Pleasant IR	t Warmth with Hi bill a state of the state	gt Efficier at back Fi	oor Crash pad				

	COMPANY OVERVIEW		Competitiveness & Sales Points					
Advancing Energy Efficien TERAON, Subsidiary of SK, field of nano-carbon-based expands its applications. Teraon strives for sustainal continued innovation effort in advanced materials scien interarting technology.	cy and carbon Neutrality <sup>™</sup> offers cutting-edge technology and inno far-infrared radiation warmers for EV ir pility by engineering energy-efficient ma s ce, heater design/manufacturing techno	ovative solutions in the idoor heating, and iterials and products with ology, and sensor	Our company, established in 2018, continuously advances materials and product technologies to enhance energy efficiency and contribute to carbon neutrality based on advanced material technology, heater design and manufacturing technology, and sensor integration technology. Additionally, we are leading the way in nano-carbon-based far-infrared radiation warmer technology for EV interior heating. We possess the fundamental technology for heating materials and develop safe and efficient products that meet customer needs by comprehensively handling everything from materials to heater design, hardware design, and firmware.					
Teraon is a market leader i interiors of electric vehicles meets the customer needs capabilities in all aspects of	n industry of nanocarbon-based infrare (EV). Teraon provides a safe and efficie with its proprietary technologies in heat f product development.	d radiation warmers for ent solution that best ting material and in-house	Furthermore, we have developed die attach paste technology for compound power semiconductors, an area almost barren in our country. This unpressurized material boasts a thermal conductivity of over 150W/mK and can be applied to medium-to-large chips of 5x5mm <sup>2</sup> or larger. We are currently undergoing product certification with global power module companies.					
Teraon is a market leader i interiors of electric vehicles meets the customer needs	n industry of nanocarbon-based infrared (EV). Teraon provides a safe and efficie with its proprietary technologies in beat	d radiation warmers for ent solution that best ting material and in-bouse	Development of Nano-Carbon-Based Heating Materials, Electrode Materials, Film Heaters, and Contact Sensor Fusion Technology					
capabilities in all aspects of opportunities through coop aviation, and other industri	Forduct development. TERAON's cuttin eration with industry leaders in electric es.	g-edge technology creates vehicles, semiconductors,	Successfully developed high heat resistance and flexibility heating materials usable at over 250°C continuously, applied to far-infrared radiation warmers for EV interior heating. Developed the industry's first film-type radiation warmer technology combining film heaters and contact sensors (capable of detecting finger and clothing contact). Leading the development of next-generation technologies such as 3D formable heating materials, film heaters, and integrated heating/touch radiation warmers.					
			□ Creation of New Market and Cor Modules for Automobile Interior He	nmercialization of Nano-Carbon- ating	Based Radiation Warmer			
			Developed a far-infrared radiation by up to 50% and driving range by blower methods, addressing one of heating efficiency. Our far-infrared radiation warmer r Audacious, Progressive, and Distin and core new technology. The developed warmer module, co harnesses, is installed in the door t (2 units), generating approximately production for the GV90 is 28,000 The warmer module, integrating fil a finger, preventing skin burns and Currently, the warmer module is ee various Hyundai and Kia models. Secured exclusive mass production the GV90 electrification model, wit approximately 120 billion KRW. → Order completed in November 2 2025. → Orders from first-tier automotive Kaim (formerly Daeyoo E.P.), and I → Successfully developed the only electrified test vehicle trials). → Participated in the development 2024. □ Expected Effects Proximity radiation heating technol based radiation heating technol based radiation heating module tec and internationally. The developed radiation warmer m technology, has various applicatior Compared to other conductive or c quality and heating comfort, makin and internal combustion engine ve	warmer module that can improv up to 15% compared to tradition the biggest barriers to eco-frien- module aligns well with Genesis' thy Korean, representing a prod- nsisting of film heaters (radiation rim (4 units), cockpit (5 units), v 700,000 KRW in revenue per v units over six years, totaling 112 m heaters and contact sensors, low-temperature burns. spanding from the next-generation order for nano-carbon-based ra- n an expected release in April 20 023, with mass production (pilon e companies such as Seoyon E-h- Donglin Engineering. domestic mass production spec- of Genesis Neo-Rune, unveiled ogy is a globally developing field chnology can lead the market ar odule, with its integrated film h is such as 107, biometric signal 1 onvective heating technologies, g it applicable to not only electra- nicles.	e winter EV heating power onal heating wires and ndly EV expansion: winter s core brand elements: uct with Korean originality n warmers), controllers, and console (4 units), and floor ehicle. Estimated annual 7.6 billion KRW. can detect touch as small as on Genesis flagship GV90 to idiation warmer module for D26, amounting to t 1) starting in October 4wa, Dongkuk Industries, ification (proven through in New York on March 25, d, and our nano-carbon- id technology domestically eater and touch sensor recognition, and heating. it significantly improves air ic vehicles but also hybrids			
			Starting with the electrification model of Genesis, the technology is horizontally expanding to mid-to-large segment Hyundai and Kia cars and small segments. By applying the world's first proprietary heating system, we contribute to enhancing the compatitiveness of domestic electric vehicles					
			□ Joint Development with Global A Lear for Camera Module Heaters, L	utomotive Parts Companies like iDAR Heaters, and Seat Warmer	LG Innotek, Magna, and 's (NDA completed).			
			Investment Status					
			Acquired new shares of SK Siltron ' Invested approximately 13 billion k the headquarters (first factory) by Continuous expansion of R&D inve- and 6.39 billion KRW in 2023).	worth 25 billion KRW (May 12, 2 IRW in the Ansung Highland Ind June 2023. stment (2.5 billion KRW in 2021, nployment Investment Expansio	022). ustrial Complex to complete 5.48 billion KRW in 2022, n)			
	HOME PAGE ADDRESS		Hired 4 in 2019, 5 in 2020, 4 in 2021, 10 in 2022, 8 in 2023, and 2 as of April 2024, with an estimated 30 new hires over six years (4 in management, 8 young researchers, 9 experienced researchers, 4 in production, and 5 in other positions).					
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