

Zinc air battery

Registration No.	Number 00012		
Registration Date	October 9, 2008	Registration Category	Category 1

Name (Model, etc.)	Zinc air battery type 300
Location	Moriguchi-shi, Osaka
	Panasonic Corporation
Owner (Custodian)	Panasonic Corporation
Manufacturer (Company)	Matsushita Electric Industrial Co., Ltd.
Year Manufactured	1955
Reason For Selection	This is a type of wet cell that uses oxygen in the air as the positive active material in the chemical reaction, and was used as stationary power source for magnetic telephones and other applications. Wet cells have liquid electrolyte, and were employed as a power source before the advent of dry cells. Since the zinc plates and electrolyte can be repeatedly replaced in this type of cell, the battery gained popularity for its long life, maintainability, and stability. The air depolarizing battery illustrates important aspects of the evolution of battery technology.
Registration Standard	2-A (Played a notable role in improving people's way of life and creating new ways of living.)

Open/Closed to Public	Open to Public
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Photo	 空気湿電池の研究 昭和30年 毎日工業技術賞 受賞のポイント 当時、鐘式電話等の電源として普及が進んでいた空気湿電池の 長期寿命化、保守性の向上、品質の安定性に対する研究の成果が顕 著された。 研究の内容 ・空気湿電池の製造 高活性、耐腐蝕性の向上 ・空気湿電池の製造 空気湿電池の構造、耐腐蝕性カーボン等 電子部品の構造
Other useful information	