

Lucas

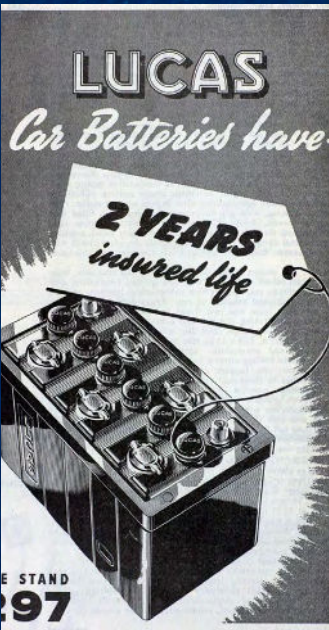
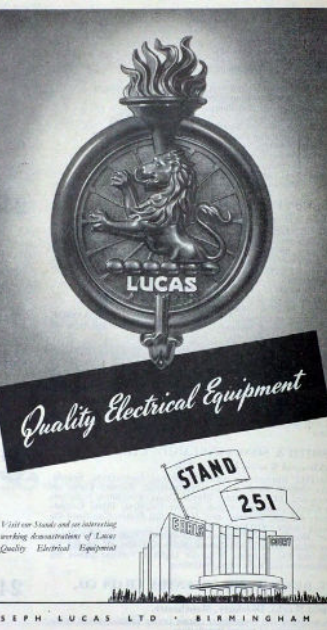
BATTERY CATALOGUE MARINE AND LEISURE 2022



OUR RANGE GOES FURTHER.



LUCAS BATTERIES. OUR HERITAGE.



Lucas is a big brand that’s been growing its business for 140 years. It doesn’t rest on its heritage - it builds on it. And it’s still growing.

That’s why it’s the longest continuously trading auto part brand in the world. Joseph Lucas, born in Birmingham in 1834, began dealing paraffin oil for domestic lamps in the 1860s and soon saw potential to expand into the transport market. In 1875 he opened a small workshop on Little King Street, Birmingham, U.K. with 5 employees. By the early 1900s Lucas were expanding their product range and introduced their batteries to the market.

On this page, you can see some of the early promotional literature. Lucas’ batteries have moved with the times, of course. In this catalogue, you’ll find the latest types and applications that we offer.

INSTRUCTIONS AND CATEGORIES

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The most demanding marine and leisure batteries



Lucas AGM

LUCAS AGM batteries offer high reliability and long life. It withstands extreme environments and especially freezing temperatures. The battery requires no maintenance other than initial filling to activate the battery.

The AGM battery range incorporates proven AGM technology and is suitable for most applications, especially where high starting power is demanded (Start AGM range), for Starting and Powering Equipment (Dual AGM range).



Lucas GEL

LUCAS GEL batteries are the first choice for high power needs such as GPS, radio, additional, etc. Minimal self-discharge allows for seasonal use or long storage periods. The gel technology is the most advanced technology for supplying equipment. The battery does not require any maintenance.

The GEL range of batteries offer a higher number of charge and discharge cycles and a high energy density.



Lucas LEAD ACID

LUCAS Lead Acid batteries with liquid electrolyte and plugs with built-in gas outlet are useful for engine starting. Equipment and Dual power supply. They offer high starting power.

The LEAD ACID range of batteries is maintenance free, and is one of the most versatile solutions for all types of equipment.




Lucas DEEP CYCLE


LUCAS Deep Cycle batteries are specially designed for cyclic deep discharge applications, by providing more active mass on the plates to achieve a longer service life. They are ideal for certain applications that require more than a quick start.


A deep cycle battery is a lead acid battery designed to supply sustained power for an extended period of time in a safe manner until it is discharged to 80% or more, at which point it must be recharged.





Instructions


- 


High starting power
- 


Maintenance-free
- 


Internal gas recombination
- 


Side mounting
- 


Saving recharging time
- 


High energy density
- 

Increased number of charge and discharge loading and unloading
- 

Requires minimal maintenance
- 

Low gas emissions
- 

Horizontal mounting
- 

Vertical mounting
- 

Starting and powering equipment

Categories

- 

Motorhome
- 

Caravan
- 

Tractor
- 

Boat
- 

Boat equipment
- 

Cleaning machines
- 

Electric vehicles



OUR RANGE GOES FURTHER.



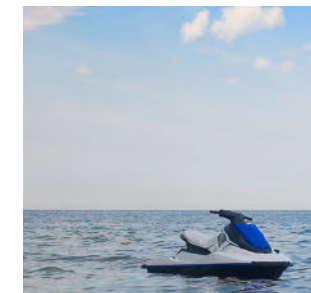
APPLICATIONS



MOTOR VESSELS



NON-MOTORISED
VESSELS



WATER
MOTORBIKES

LUCAS has the largest range of boat batteries of any type you require. We supply starter batteries for boat engines and also large leisure marine batteries. 12V marine batteries are the most common type of marine battery on the market, but some boats, especially older or classic boats, may require a 6V marine battery. We have a wide range of 6V and 12V marine batteries available.

Boats are powered by one or more batteries depending on the electrical system on board and the conditions of use. When it comes to powering your boat's electronic equipment, a marine battery is more suitable than a starter battery. Possible configurations are:

- Engine only (START): boats where the batteries are used only to start the engine and the electrical equipment is not powered when the engine is off.
- Engine and equipment (DUAL): boats where a single set of batteries supplies power to the engine start and electrical equipment.
- Equipment: Batteries used solely to supply power to the boat's electrical and electronic equipment.

The choice of a battery will depend mainly on the type of engine of your boat (2 or 4 stroke), power (HP) to calculate the CCA (Cold Cranking Amps) or recommended cranking power. Next, check the dimensions of the battery against the space available on board. Finally, choose the battery capacity, measured in Ah, according to the battery life you need: the higher the capacity, the longer the battery life.



CARAVANS

lucasautomotive.com

APPLICATIONS



CARAVANS



CAMPERVANS



MOTORHOME

To power the equipment in a caravan you need a 12v battery. Caravan batteries are used to power things like lights, water pumps and other 12v appliances when not connected to the mains. For motorhomes, choose dual purpose batteries.

The right battery for caravans and motorhomes is essential to keep your vehicle running smoothly. While caravans require a single battery, motorhomes need a starter battery to start the engine and an auxiliary battery to run on-board electronics such as the fridge or GPS.

In the case of camper vans, dimensions are crucial, so it is important to check the space available to install the new battery. Motorhomes tend to use AGM batteries these days to cope with electrical demand and are best for use with solar panels too.

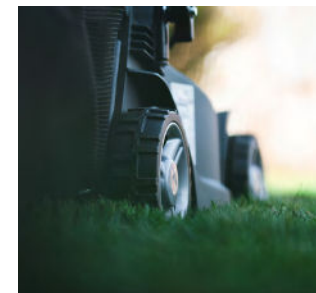
LUCAS has the widest range of caravan / motorhome / campervan / camper van batteries for all ranges, vehicle models so you can choose from the different batteries on offer or search by voltage and capacity. It is essential before purchasing that you check the measurements of the existing battery required - i.e. height, length, width and terminal placement.

OUR RANGE GOES FURTHER.



OTHER SOLUTIONS

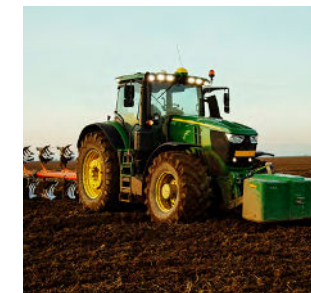
APPLICATIONS



GARDENING



CLEANERS AND
SWEEPERS



ELECTRIC
VEHICLES AND
TRACTORS

LUCAS has a wide range of batteries for applications such as:

- Ride-on mowers
- Gardening
- Cleaners and Sweepers
- Electric Trucks
- Electric vehicles

LUCAS batteries for sweepers and cleaners allow you to obtain the best performance adjusted to the characteristics of the equipment, so that they work with the highest performance and for the longest possible time, improving productivity. Deep Cycle batteries meet these characteristics by providing excellent performance.

LUCAS batteries for agricultural vehicles, designed specifically for this purpose, offer excellent starting power, as well as all the reserves necessary to power the devices inside the cab, such as the air conditioning system. They are also low-maintenance products that will reduce operating costs.



Leisure and Marine Range

A RANGE TO SUIT ALL APPLICATIONS

Lucas Premium
Origin EUROPEAN UNION

LUCAS MARINE GEL

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 25AH/150A(EN) 12V/E0	12	25	150			166	175	125	0	M05	B0	9,60	
	LUCAS PREMIUM 40AH/280A(EN) 12V/E0	12	40	280			207	175	175	0	1 full Ford lug	B4	14,20	
	LUCAS PREMIUM 56AH/410A(EN) 12V/E0	12	56	410			278	175	190	0	1	B13	20,80	
	LUCAS PREMIUM 80AH/540A(EN) 12V/E0	12	80	540			353	175	190	0	1	B13	25,50	
	LUCAS PREMIUM 85AH/450A(EN) 12V/E1	12	85	450			330	175	235	1	1	B0	28,20	
	LUCAS PREMIUM 195AH/900A(EN) 12V/E0	12	195	900			244	190	275	0	1	B0	29,00	
	LUCAS PREMIUM 200AH/950A(EN) 12V/E0	12	200	950			244	190	275	0	M10	B0	30,50	
	LUCAS PREMIUM 110AH/760A(EN) 12V/E2	12	110	760			286	269	230	2	1	B0	37,50	
	LUCAS PREMIUM 120AH/750A(EN) 12V/E0	12	120	750			349	175	290	0	1	B0	37,50	
	LUCAS PREMIUM 120AH/760A(EN) 12V/E3	12	120	760			513	189	223	3	1	B0	40,00	
	LUCAS PREMIUM 140AH/900A(EN) 12V/E3	12	140	900			513	223	223	3	1	B0	47,00	
	LUCAS PREMIUM 210AH/1030A(EN) 12V/E3	12	210	1030			518	279	240	3	1	B0	63,50	

LUCAS MARINE DUAL AGM

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 100AH/800A(EN) 12V/E1	12	100	800			270	175	222	1				
	LUCAS PREMIUM 50AH/750A(EN) 12V/E1+9	12	50	750			260	173	206	1+9	SAE M 3/8"-5/16"stud	B7	18,60	
	LUCAS PREMIUM 60AH/680A(EN) 12V/E0	12	60	680			242	175	190	0	1	B13	17,80	
	LUCAS PREMIUM 70AH/760A(EN) 12V/E0	12	70	760			278	175	190	0	1	B13	20,60	
	LUCAS PREMIUM 95AH/850A(EN) 12V/E0	12	95	850			353	175	190	0	1	B13	25,90	
	LUCAS PREMIUM 100AH/720A(EN) 12V/E1+9	12	100	720			330	173	240	1+9	SAE M 3/8"-5/16"stud	B0	31,20	
	LUCAS PREMIUM 140AH/700A(EN) 12V/E3	12	140	700			513	189	223	3	1	B0	40,50	
	LUCAS PREMIUM 180AH/900A(EN) 12V/E3	12	180	900			513	223	223	3	1	B0	50,00	
	LUCAS PREMIUM 240AH/1200A(EN) 12V/E3	12	240	1200			518	279	240	3	1	B0	70,00	

LUCAS MARINE AGM

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 70AH/600A(EN) 12V/E4	12	70	600			115	40	85	4		B0	0,90	
	LUCAS PREMIUM 95AH/800A(EN) 12V/E4	12	95	800			115	50	85	4		B0	1,00	
	LUCAS PREMIUM 120AH/1000A(EN) 12V/E0	12	120	1000			115	70	85	0		B0	1,50	

LUCAS MARINE DUAL

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 80AH/600A(EN) 12V/E0	12	80	600			278	175	190	0	1	B13	20,70	
	LUCAS PREMIUM 100AH/800A(EN) 12V/E0	12	100	800			353	175	190	0	1	B13	26,50	
	LUCAS PREMIUM 135AH/700A(EN) 12V/E3	12	135	700			513	189	223	3	1	B0	39,50	
	LUCAS PREMIUM 180AH/900A(EN) 12V/E3	12	180	900			513	223	223	3	1	B0	49,70	
	LUCAS PREMIUM 230AH/1100A(EN) 12V/E3	12	230	1100			518	279	240	3	1	B0	64,80	
	LUCAS PREMIUM 80AH/510A(EN) 12V/E1	12	80	510			270	173	222	1	1	Korean B1+	17,80	
	LUCAS PREMIUM 95AH/650A(EN) 12V/E1	12	95	650			306	173	222	1	1	Korean B1	21,70	
	LUCAS PREMIUM 115AH/760A(EN) 12V/E1	12	115	760			349	175	235	1	1	B0	27,80	
	LUCAS PREMIUM 142AH/850A(EN) 12V/E1	12	142	850			349	175	290	1	1	B0	35,10	
	LUCAS PREMIUM 140AH/750A(EN) 12V/E3	12	140	750			513	189	223	3	1	B0	37,30	

LUCAS MARINE START

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 50AH/450A(EN) 12V/E0	12	50	450			207	175	190	0	1	B13	12,20	
	LUCAS PREMIUM 62AH/540A(EN) 12V/E0	12	62	540			242	175	190	0	1	B13	14,20	
	LUCAS PREMIUM 74AH/680A(EN) 12V/E0	12	74	680			278	175	190	0	1	B13	16,70	
	LUCAS PREMIUM 90AH/720A(EN) 12V/E0	12	90	720			353	175	190	0	1	B13	20,10	
	LUCAS PREMIUM 110AH/750A(EN) 12V/E1	12	110	750			349	175	235	1	1	B0	25,40	
	LUCAS PREMIUM 140AH/800A(EN) 12V/E3	12	140	800			513	189	223	3	1	B0	34,10	
	LUCAS PREMIUM 180AH/1000A(EN) 12V/E3	12	180	1000			513	223	223	3	1	B0	42,80	

LUCAS MARINE START AGM

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 42AH/700A(EN) 12V/E1+9	12	42	700			230	173	206	1+9	SAE M 3/8"-5/16"stud	B7	15,80	
	LUCAS PREMIUM 100AH/850A(EN) 12V/E1+9	12	100	850			330	173	240	1+9			31,20	
	LUCAS PREMIUM 50AH/800A(EN) 12V/E1+9	12	50	800			260	173	206	1+9	SAE M 3/8"-5/16"stud	B7	17,90	

LUCAS DC / PLOMO ACIDO

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 210AH/A(EN) 6V/E	6	210				260	180	275		Dual Fit		26,50	
	LUCAS PREMIUM 225AH/A(EN) 6V/E	6	225				260	180	275		Dual Fit		28,60	
	LUCAS PREMIUM 240AH/A(EN) 6V/E	6	240				260	180	275		Dual Fit		30,70	
	LUCAS PREMIUM 260AH/A(EN) 6V/E	6	260				260	180	295		Dual Fit		33,00	
	LUCAS PREMIUM 330AH/A(EN) 6V/E	6	330				295	178	365		Dual Pol		42,70	
	LUCAS PREMIUM 420AH/A(EN) 6V/E	6	420				295	178	415		Dual Pol			
	LUCAS PREMIUM 170AH/A(EN) 8V/E	8	170				260	180	275		ET		32,40	
	LUCAS PREMIUM 190AH/A(EN) 8V/E	8	190				260	180	275		ET		31,60	
	LUCAS PREMIUM 150AH/A(EN) 12V/E	12	150				328	180	276		ET		37,50	

Lucas Premium
Origin KOREA

LUCAS MARINE

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 65AH/A(EN) 12V/E18	12	65		600	120	260	172	200	18	K	B1	16,60	
	LUCAS PREMIUM 70AH/A(EN) 12V/E18	12	70		650	130	260	172	200	18	K	B1	17,00	
	LUCAS PREMIUM 70AH/A(EN) 12V/E18	12	70		700	130	260	172	200	18	K	B1	17,20	
	LUCAS PREMIUM 75AH/A(EN) 12V/E18	12	75		700	140	303	172	200	18	K	B1	19,90	
	LUCAS PREMIUM 85AH/A(EN) 12V/E18	12	85		750	160	303	172	200	18	K	B1	20,80	
	LUCAS PREMIUM 85AH/A(EN) 12V/E18	12	85		800	160	303	172	200	18	K	B1	21,40	
	LUCAS PREMIUM 90AH/A(EN) 12V/E18	12	90		750	170	330	172	217	18	K	B0	23,00	
	LUCAS PREMIUM 100AH/A(EN) 12V/E18	12	100		850	180	330	172	217	18	K	B0	24,30	
	LUCAS PREMIUM 100AH/A(EN) 12V/E18	12	100		950	190	330	172	217	18	K	B0	24,90	

LUCAS MARINE DEEP CYCLE

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM 70AH/A(EN) 12V/E18	12	70		500	130	260	172	200	18	K	B1	17,50	
	LUCAS PREMIUM 75AH/A(EN) 12V/E18	12	75		550	140	260	172	200	18	K	B1	17,70	
	LUCAS PREMIUM 80AH/A(EN) 12V/E18	12	80		600	145	260	172	200	18	K	B1	18,40	
	LUCAS PREMIUM 85AH/A(EN) 12V/E18	12	85		590	155	303	172	200	18	K	B1	20,70	
	LUCAS PREMIUM 90AH/A(EN) 12V/E18	12	90		640	165	303	172	200	18	K	B1	20,90	
	LUCAS PREMIUM 95AH/A(EN) 12V/E18	12	95		690	170	303	172	200	18	K	B1	21,60	
	LUCAS PREMIUM 100AH/A(EN) 12V/E18	12	100		650	190	330	172	217	18	K	B0	24,60	
	LUCAS PREMIUM 105AH/A(EN) 12V/E18	12	105		700	200	330	172	217	18	K	B0	24,90	
	LUCAS PREMIUM 110AH/A(EN) 12V/E18	12	110		750	205	330	172	217	18	K	B0	25,60	

LUCAS LAWN & GARDEN

Lucas reference	Definition	V	C20 (Ah)	CCA EN(A)	CCA SAE(A)	RC (min)	L (mm)	W (mm)	H (mm)	Layout	Terminal	Hold Down	Weight (kg)	Pcs Pallet
	LUCAS PREMIUM AH/A(EN) 12V/E1	12			200	28	197	130	158	1	L	B0	6,90	
	LUCAS PREMIUM AH/A(EN) 12V/E0	12			200	28	197	130	158	0	L	B0	6,90	
	LUCAS PREMIUM AH/A(EN) 12V/E1	12			240	33	197	130	158	1	L	B0	7,10	
	LUCAS PREMIUM AH/A(EN) 12V/E0	12			240	33	197	130	158	0	L	B0	7,10	
	LUCAS PREMIUM AH/A(EN) 12V/E1	12			270	35	197	130	158	1	L	B0	7,60	
	LUCAS PREMIUM AH/A(EN) 12V/E0	12			270	35	197	130	158	0	L	B0	7,60	
	LUCAS PREMIUM AH/A(EN) 12V/E1	12			340	40	197	130	158	1	L	B0	8,20	
	LUCAS PREMIUM AH/A(EN) 12V/E0	12			340	40	197	130	158	0	L	B0	8,20	



COSHH Information

Hazards Identification

No hazards occur during the normal operation of a lead acid battery as it is described in the instructions for use that are provided with the battery. Lead-acid batteries have three significant characteristics:

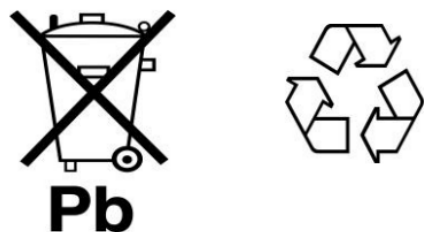
- They contain an electrolyte which contains dilute sulphuric acid. Sulphuric acid may cause severe chemical burns.
- During the charging process or during operation they might develop hydrogen gas and oxygen, which under certain circumstances may result in an explosive mixture.
- They can contain a considerable amount of energy, which may be a source of high electrical current and a severe electrical shock in the event of a short circuit.

Handling and Storage

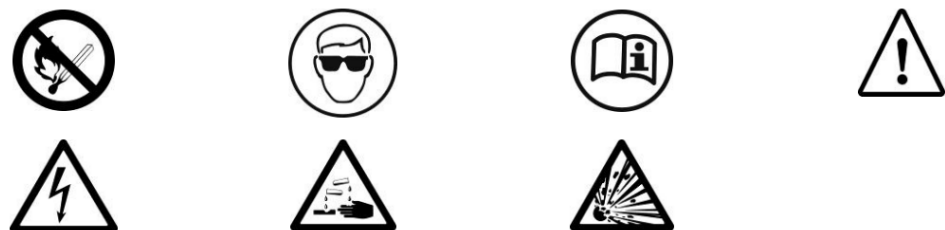
Store under roof in cool ambience - charged lead-acid batteries do not freeze up to -50°C; prevent short circuits. Seek agreement with local water authorities in case of larger quantities of batteries to be stored. If batteries have to be stored, it is imperative that the instructions for use are observed.

Regulatory Information

In accordance with the EU Battery Directive and the respective national legislation, lead-acid batteries have to be marked by a crossed out dust bin with the chemical symbol for lead shown below, together with the ISO return/recycling symbol.



In addition, the batteries have to be labelled with some or all of the following hazard symbols:



Labelling might vary due to the application, design, dimension and country of sale of the batteries. The manufacturer, respectively the importer of the batteries shall be responsible for placing the symbols (a minimum size is specified).

Environmental Information

Battery recycling can be defined as the process to recycle batteries instead of disposing them into the garbage after just a single use.

The aim is to reduce the overall number of battery trash that is produced every year on a global scale since battery garbage can lead to various forms of contamination, including water and soil pollution.

In response to the 'Hazardous Waste Regulations' appertaining to the disposal of lead acid batteries, all the battery wholesaler are now obliged to provide a collection service for scrap lead acid batteries.

There are huge differences around the world regarding the efforts and efficiency of battery recycling. Please take care about your local regulations concerning batteries waste management.

Battery recycling is important in order to:

- Reduction of soil pollution
- Mitigation of water pollution
- Groundwater protection
- Fight natural resource depletion
- Suitable treatment of toxic chemicals
- Reduction in overall waste production
- Fight global warming
- Reduction in environmental dumping



Lucas Automotive Aftermarket Batteries - Non European Region

Distributed in exclusive by:

VT Batteries

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lucasautomotive.com

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