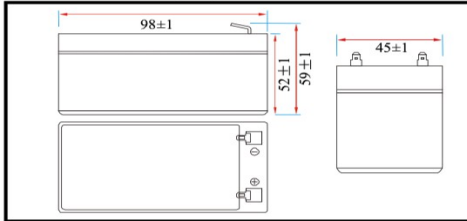


**Codice articolo:** 473LI1,2-12

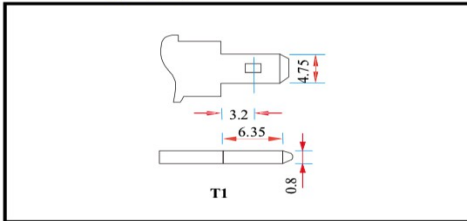
**Descrizione del prodotto:** Accumulatore al Pb regolato con valvola 12 V 1,2 Ah



● **Outer dimensions (mm)**



● **Terminal type (mm)**



● **Specifications**

Nominal voltage	12V (6 cells per unit)	
Rated capacity (20HR)	1.2Ah/10.5V	
Dimensions	Length	98±1mm (3.86inch)
	Width	43±1mm (1.69inch)
	Height	52±1mm (2.05inch)
	Total height	58±1mm (2.28inch)
Approx. weight	0.54kg (1.19lbs)±5%	

● **Characteristics**

Capacity (25°C)	20HR (10.5V)	1.2Ah
	10HR (10.5V)	1.1Ah
	1HR (9.60V)	0.72Ah
Terminal type		T1
Internal resistance (Fully charged, 25°C)		Approx. 90mΩ
Capacity affected by temperature (10HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining capacity: 91%
	6 months	Remaining capacity: 82%
	12 months	Remaining capacity: 65%
Nominal operating temperature		25°C± 3°C (77°F± 5°F)
Operating temperature range	Discharge	- 15°C~ 50°C (5°F ~ 122°F)
	Charge	- 10°C~ 50°C (14°F ~ 122°F)
	Storage	- 20°C~ 50°C (-4°F ~ 122°F)
Float charging voltage (25°C)		13.60 to 13.80V Temperature compensation: -18mV/°C/Block
Cyclic charging voltage (25°C)		14.50 to 15.00V Temperature compensation: -30mV/°C/Block
Maximum charging current		0.36A
Maximum discharge current		18A (5 sec.)
Design life	5 years for floating (25°C)	
	Eurobat (20°C): 3-5 years, standard commercial.	

● **Construction**

Component	Positive plate	Negative plate	Container	Cover	Separator	Electrolyte	Safety valve	Terminal
Raw material	Lead dioxide	Lead	ABS	ABS	AGM	Sulfuric acid	Rubber	Copper

● **Constant current discharge characteristics unit: Ampere/Block (at 25°C, 77°F)**

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	4.58	2.90	2.27	1.28	0.79	0.43	0.30	0.25	0.21	0.11	0.06
9.90V	4.45	2.82	2.21	1.25	0.77	0.43	0.30	0.24	0.21	0.11	0.06
10.2V	4.26	2.70	2.13	1.21	0.75	0.42	0.29	0.24	0.21	0.11	0.06
10.5V	4.08	2.58	2.06	1.18	0.74	0.42	0.29	0.24	0.21	0.11	0.06
10.8V	3.85	2.44	1.95	1.14	0.72	0.41	0.28	0.23	0.20	0.11	0.06

● **Constant power discharge characteristics unit: Watt/Block (at 25°C, 77°F)**

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	51.2	32.8	25.9	14.6	9.10	5.03	3.53	2.93	2.50	1.36	0.73
9.90V	49.6	31.8	25.2	14.4	8.97	5.00	3.51	2.91	2.48	1.36	0.73
10.2V	47.6	30.5	24.3	13.9	8.74	4.96	3.49	2.89	2.47	1.35	0.72
10.5V	45.5	29.2	23.5	13.6	8.56	4.88	3.46	2.87	2.45	1.34	0.72
10.8V	43.0	27.5	22.2	13.1	8.30	4.76	3.36	2.79	2.38	1.32	0.71

Note 1: Above characteristics data can be obtained within three charge and discharge cycles.



ISO 45001:2018  
Sistema di gestione per la salute e sicurezza sul lavoro



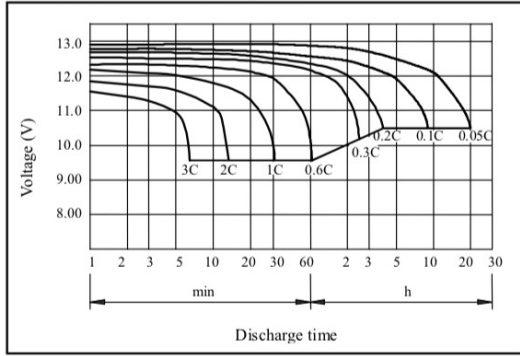
ISO 9001:2015  
Sistema di gestione della qualità



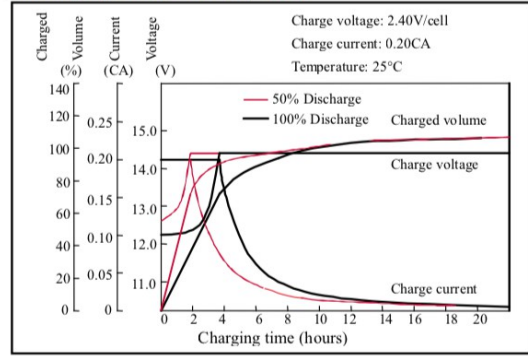
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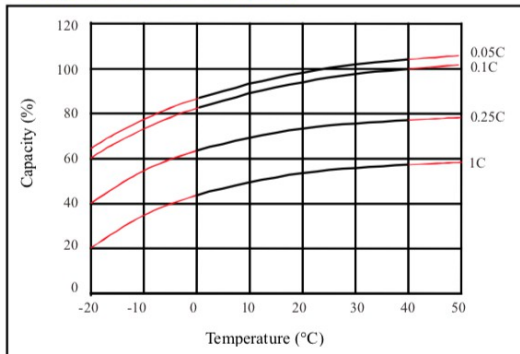
● Discharge characteristics (25°C)



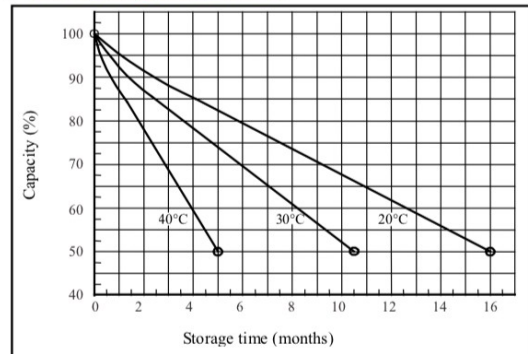
● Charging characteristics (25°C)



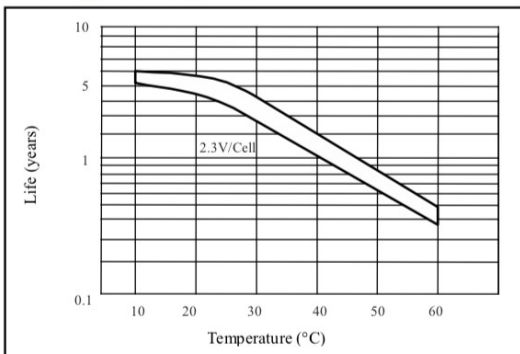
● Temperature effects on capacity



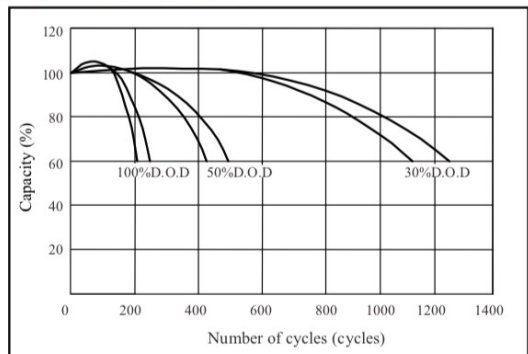
● Self-discharge characteristics



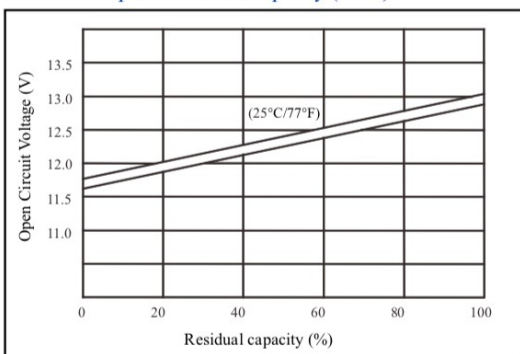
● Floating life on temperature



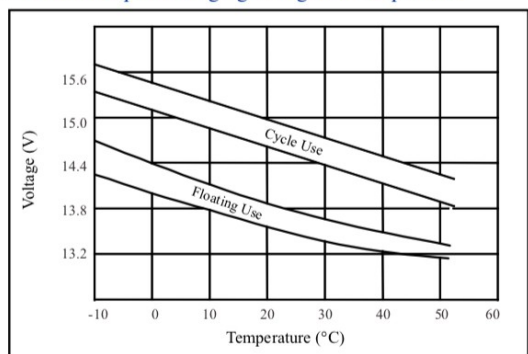
● Cycle life on D.O.D (25°C)



● Relationship for OCV and capacity (25°C)



● Relationship for charging voltage and temperature



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