Item Code: 474LI2,3-12

Product description: Accumulatore al Pb regolato con valvola 12 V 2,3 Ah



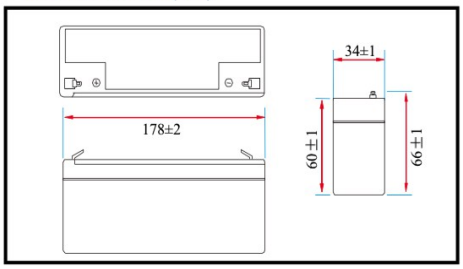
Specifications

Nominal voltage		12V (6 cells per unit)
Rated capacity (20HR)		2.3Ah/10.5V
Dimensions	Length	178±2mm (7.01inch)
	Width	34±1mm (1.69inch)
	Height	60±1mm (2.36inch)
	Total height	66±1mm (2.60inch)
Approx. weight		0.88kg (1.94lbs)±5%

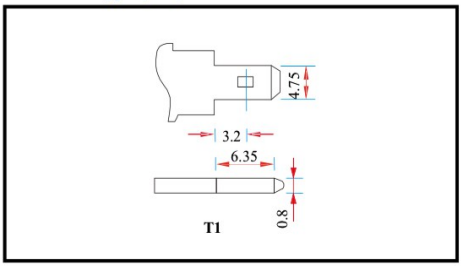
Characteristics

Capacity (25°C)	20HR (10.5V)	2.3Ah
	10HR (10.5V)	2.1Ah
	1HR (9.60V)	1.4Ah
Terminal type		T1
Internal resistance (Fully charged, 25°C)		Approx. 60mΩ
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		0.69A
Maximum discharge current		34.5A (5 sec.)
Design life		5 years for floating (25°C)
		Eurobat (20°C): 3-5 years, standard commercial.

Outer dimensions (mm)



Terminal type (mm)



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	8.79	5.57	4.35	2.45	1.51	0.82	0.57	0.47	0.40	0.22	0.117
9.90V	8.52	5.40	4.24	2.40	1.48	0.82	0.57	0.47	0.40	0.22	0.116
10.2V	8.17	5.18	4.09	2.33	1.45	0.81	0.56	0.47	0.40	0.22	0.116
10.5V	7.82	4.95	3.95	2.27	1.42	0.80	0.56	0.46	0.39	0.21	0.115
10.8V	7.38	4.68	3.74	2.19	1.37	0.78	0.54	0.45	0.38	0.21	0.113

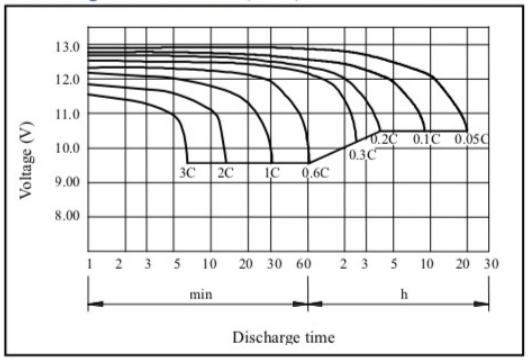
Constant power discharge characteristics unit: Watt/Block (at 25°C, 77°F)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
9.60V	98.1	62.8	49.6	28.1	17.4	9.64	6.77	5.62	4.79	2.61	1.40
9.90V	95.1	60.9	48.4	27.5	17.2	9.58	6.73	5.58	4.76	2.60	1.40
10.2V	91.2	58.4	46.6	26.7	16.7	9.50	6.69	5.54	4.73	2.59	1.39
10.5V	87.3	55.9	45.0	26.0	16.4	9.36	6.64	5.51	4.70	2.58	1.38
10.8V	82.4	52.7	42.6	25.1	15.9	9.12	6.44	5.34	4.56	2.52	1.35

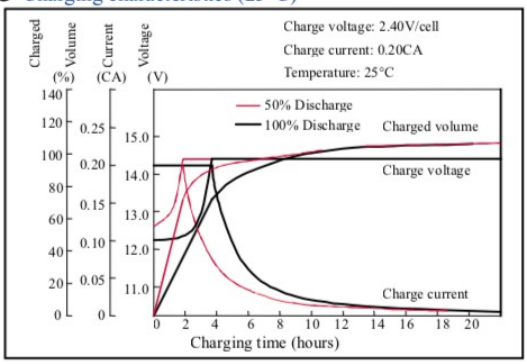
Note 1: Above characteristics data can be obtained within three charge and discharge cycles.

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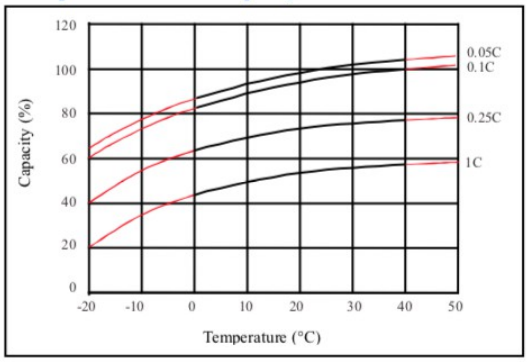
Discharge characteristics (25°C)



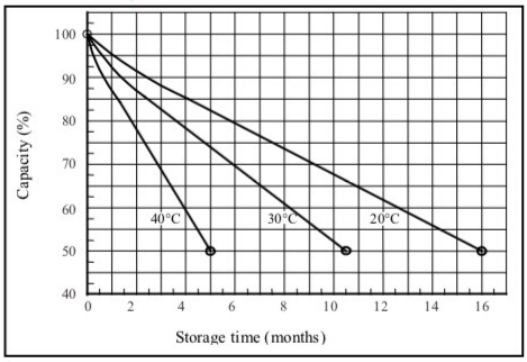
Charging characteristics (25°C)



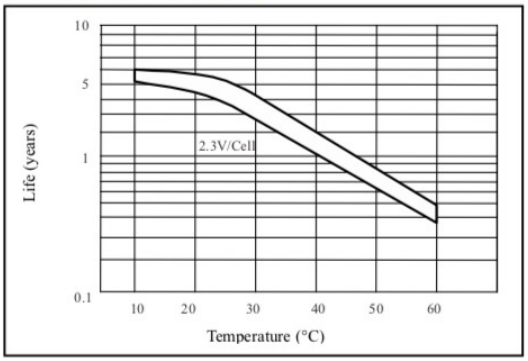
Temperature effects on capacity



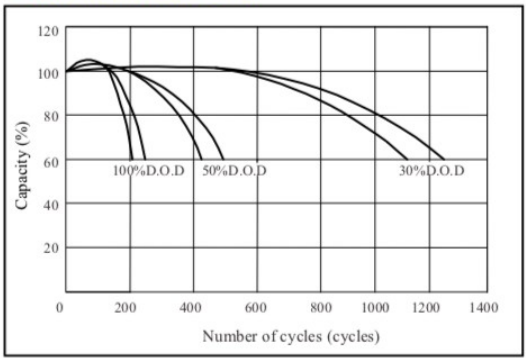
Self-discharge characteristics



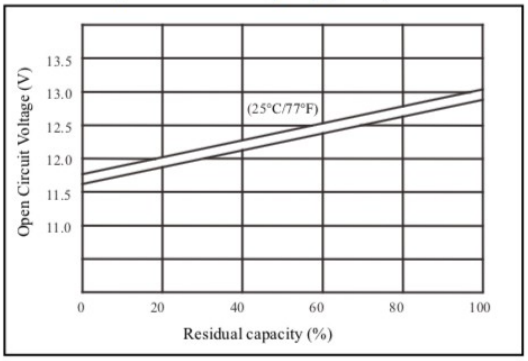
Floating life on temperature



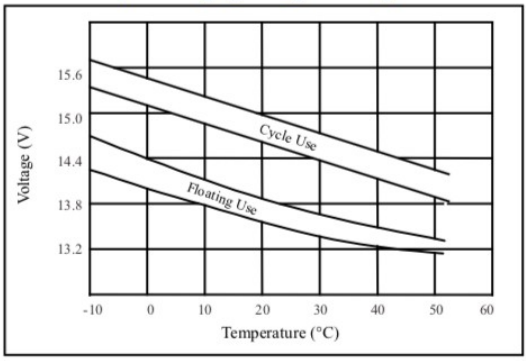
Cycle life on D.O.D (25°C)



Relationship for OCV and capacity (25°C)



Relationship for charging voltage and temperature



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