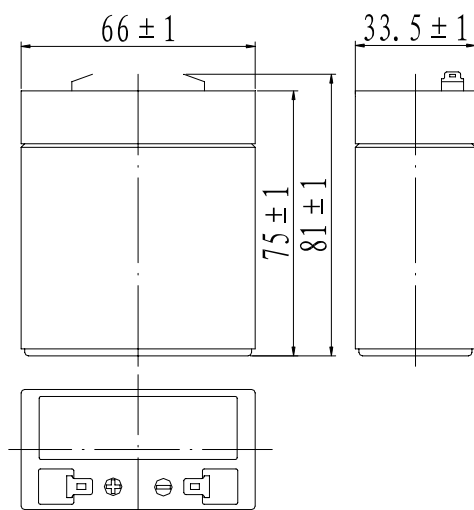


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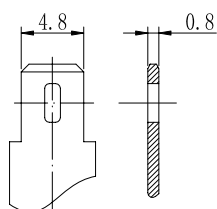
Batteria ricaricabile al piombo sigillata 4 V - 3 Ah / 20 Hr



Dimensions



Terminal



Specifications

Nominal Voltage		4 V
Capacity (25°C)	20HR(3.50V)	3Ah
	10HR(3.50V)	2.7Ah
	1HR(3.20V)	1.80Ah
Dimension	Length	66± 1mm
	Width	33.5± 1mm
	Height	75± 1mm
	Total Height	81± 1mm
Approx. Weight		0.33kg ± 3%
Terminal type		F1(T1)
Internal resistance (Fully charged, 25°C)		≤ 30mΩ
Capacity affected by temperature (20HR)	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 month	Remaining Capacity: 91%
	6 month	Remaining Capacity: 82%
	12 month	Remaining Capacity: 65%
Nominal operating temperature		25°C±3°C
Operating temperature range	Discharge	-15°C~50°C
	Charge	-10°C~50°C
	Storage	-20°C~50°C
Float charging voltage(25°C)		4.50 to 4.60V Temperature compensation: -6mV/°C
Cyclic charging voltage(25°C)		4.80 to 5.0V Temperature compensation: -10mV/°C
Maximum charging current		0.9A
Terminal material		Copper
Maximum discharge current		45A(5 sec.)
Designed floating life(20°C)		10years

- Absorbent glass mat technology;
- ABS container.

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Batteria ricaricabile al piombo sigillata 4 V - 3 Ah / 20 Hr

Constant Current Discharge Characteristics (A, 25°C)

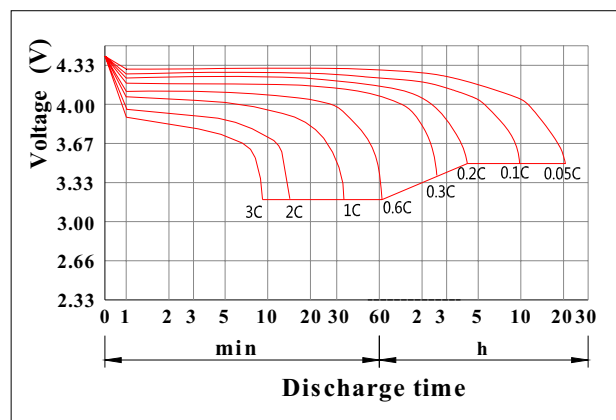
F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
3.20V	11.4	7.20	5.70	3.18	1.95	1.07	0.77	0.61	0.52	0.28	0.15
3.30V	11.1	6.98	5.56	3.12	1.92	1.06	0.76	0.61	0.52	0.28	0.15
3.40V	10.6	6.70	5.36	3.02	1.87	1.05	0.76	0.60	0.51	0.28	0.15
3.50V	10.1	6.4	5.18	2.95	1.83	1.03	0.75	0.60	0.51	0.28	0.15
3.60V	9.58	6.05	4.90	2.84	1.78	1.01	0.73	0.58	0.49	0.27	0.15

Constant Power Discharge Characteristics (Watt, 25°C)

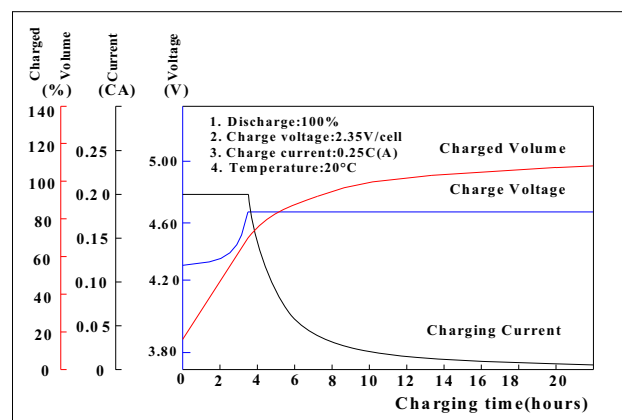
F.V/TIME	5min	10min	15min	30min	60min	2h	3h	4h	5h	10h	20h
3.20V	42.4	27.1	21.7	12.1	7.53	4.16	3.03	2.43	2.07	1.13	0.61
3.30V	41.1	26.3	21.1	11.9	7.41	4.13	3.01	2.42	2.06	1.13	0.61
3.40V	39.4	25.2	20.4	11.5	7.23	4.10	2.99	2.40	2.04	1.12	0.60
3.50V	37.7	24.1	19.7	11.3	7.08	4.03	2.97	2.38	2.03	1.12	0.60
3.60V	35.6	22.7	18.6	10.8	3.43	3.93	2.88	2.31	1.97	1.09	0.59

Note: The above characteristics data can be obtained within three charge/discharge cycles.

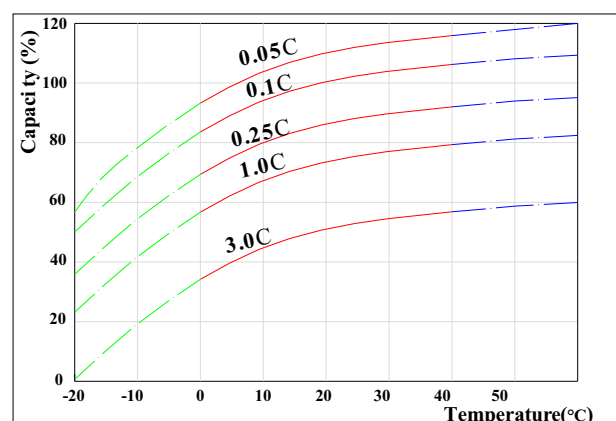
Discharge Characteristics(25°C)



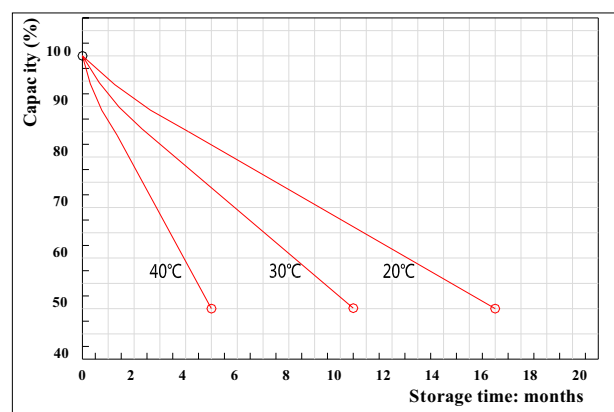
Charging Characteristics(25°C)



Effect of Temperature on Capacity



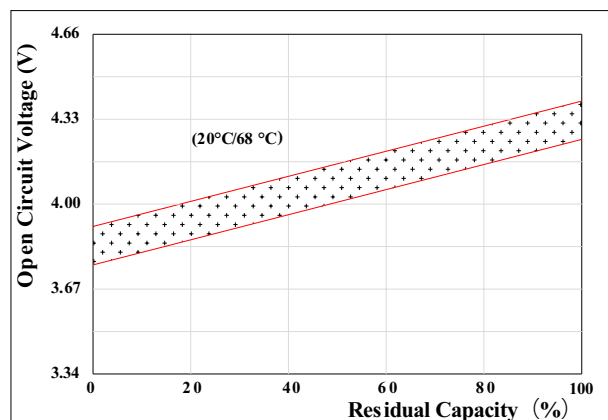
Self-discharge Characteristics



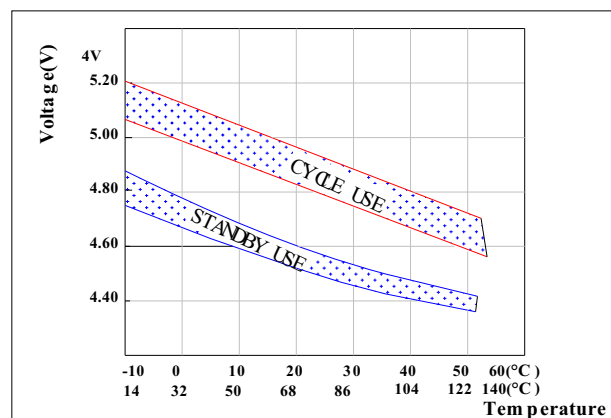
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Batteria ricaricabile al piombo sigillata 4 V - 3 Ah / 20 Hr

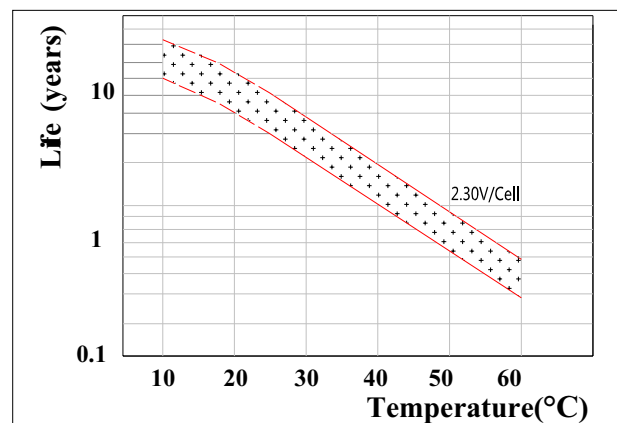
The Relationship for Open Circuit Voltage and Residual Capacity (25°C)



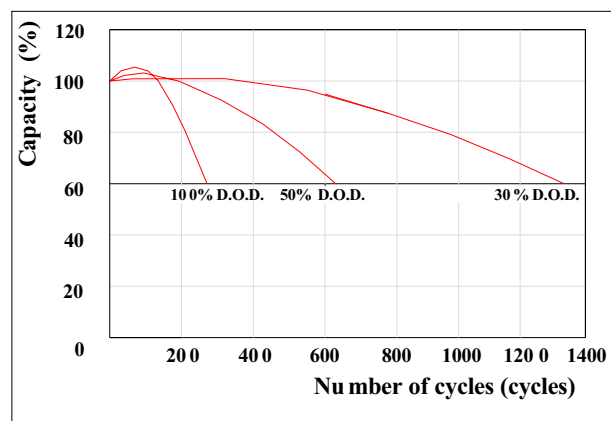
The Relationship for Charging Voltage and Temperature



Floating Life on Temperature



Cycle Life on D.O.D(25°C)



Istruzioni ricarica (a 20°C)

Uso ciclico : 4,8 - 5,0 V

Uso Standby : 4,5 - 4,6 V

Corrente iniziale inferiore a 0,9 A

Codice EAN13 : 8057456006812