



## B12V100A

Batteria al piombo 12V 100Ah, Cobat incluso

### Funzioni

Voltaggio nominale	12V	
Capacità nominale (10 ore)	100,0 Ah	
Dimensione	Lunghezza	330 +/- 3 mm
	Larghezza	173 +/- 2 mm
	Altezza contenitore	212 +/- 2 mm
	Altezza Totale (con Terminale)	220 +/- 2 mm
Peso approssimativo terminale	Circa 30,0 kg (66,15 libbre)	
Materiale contenitore	T11 ABS	
Capienza stimata	104,0 AH/5,20 A (20 ore 0,1,8 V/cella, 25 °C/77 °F)	
	100.0AH/10.0A (10 ore, 1.80V/cella, 25°C/77°F)	
	88,0 AH/17,6 A (5 ore, 1,75 V/cella, 25 C/77 °F)	
	76,2 AH/25,4 A (3 ore, 1,75 V/cella, 25 °C/77 °F)	
	65,1 A H/ 65,1 A (1 ora 1,60 V/cella, 25 °C/77 °F)	
Massimo. Corrente di scarica	1200A (5s)	
Resistenza interna	Approx4.9m	
Intervallo di temperatura operativa	Scarico: -15~50 C (5~122°F)	
	carica 0~40°C (32~104°F)	
	stoccaggio: -15~40 C (5~1004°F)	
Temp. operativa nominale.Allineare	25+/-3°C (77±5°F)	
Uso del ciclo	Corrente di carica iniziale inferiore a 30,0 A. Tensione 14.4V-15.0V a 25° C(77° F)Temp. Coefficiente -30mVPC	
Uso in pausa	Nessun limite sulla tensione di corrente di carica iniziale 13,5 V-13,8 V a 25 ° C (77 ° F) Temp. Coefficiente -20mVPC	
Capacità influenzata dalla temperatura	40°C (104°F) 103%	
	25°C (77°F) 100%	
	0°C ( 3 2 °F ) 86%	
Autoscarica	le batterie possono essere conservate per un massimo di 6 mesi a 25°C (77°F) e quindi è necessaria una carica rinfrescante. Per temperature più elevate l'intervallo di tempo sarà più breve.	

### Corrente di scarica costante (Ampere) a t25°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	208.8	161.4	136.4	117.0	88.4	65.7	53.0	31.3	23.5	19.2	16.4	14.4	11.6	9.65	5.13
1.80V/cell	246.0	180.0	150.8	126.6	94.2	69.6	55.9	33.1	24.6	20.2	17.2	15.0	12.0	10.0	5.20
1.75V/cell	278.4	197.4	162.0	134.7	99.0	72.7	58.0	34.4	25.4	20.7	17.6	15.3	12.2	10.1	5.29
1.70V/cell	318.0	214.8	174.4	143.4	104.6	76.0	60.4	35.3	26.0	21.2	17.9	15.6	12.4	10.2	5.34
1.65V/cell	356.4	232.2	185.6	151.5	110.0	79.2	63.0	36.3	26.7	21.7	18.3	15.9	12.6	10.3	5.40
1.60V/cell	405.6	254.4	197.2	159.9	115.8	82.4	65.1	37.5	27.6	22.2	18.6	16.2	12.7	10.5	5.45

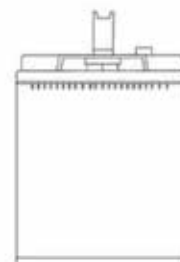
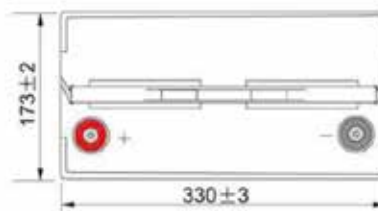
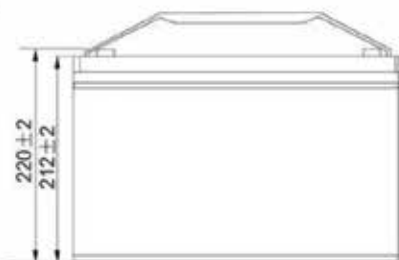
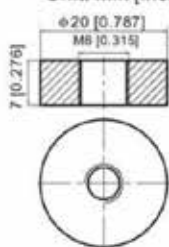
### Potenza costante erogata (Watt) a t2 5°C (77°F)

F.V/Time	5min	10min	15min	20min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	381.8	298.1	254.5	220.5	168.5	126.4	102.2	60.8	45.7	37.5	32.2	28.2	22.9	19.1	10.15
1.80V/cell	445.0	328.6	277.6	235.1	176.8	132.7	107.2	63.8	47.7	39.2	33.6	29.4	23.7	19.8	10.29
1.75V/cell	492.9	354.6	294.6	247.8	184.3	137.3	110.8	66.0	49.1	40.1	34.3	29.9	24.0	19.9	10.45
1.70V/cell	547.4	377.1	312.7	261.8	193.6	143.0	115.0	67.6	50.1	41.0	34.8	30.4	24.3	20.1	10.54
1.65V/cell	604.8	403.9	330.2	274.5	201.9	147.7	119.1	69.2	51.3	41.8	35.3	30.8	24.6	20.3	10.64
1.60V/cell	672.4	432.4	345.1	286.6	211.1	152.9	122.4	71.1	52.7	42.6	35.9	31.3	24.8	20.5	10.73

### Dimensioni

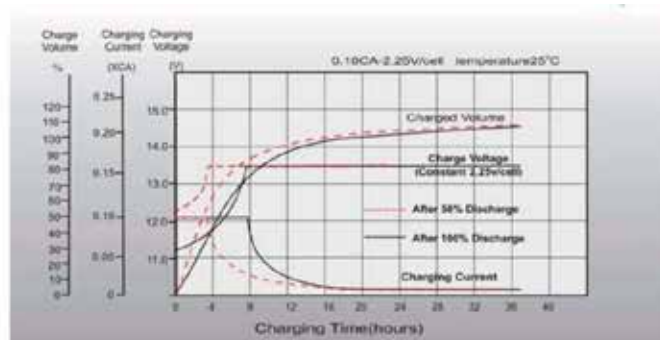
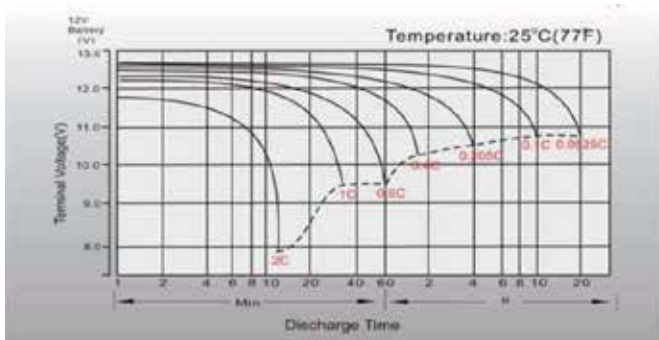
#### T11 Terminal

Unit: mm [inches]



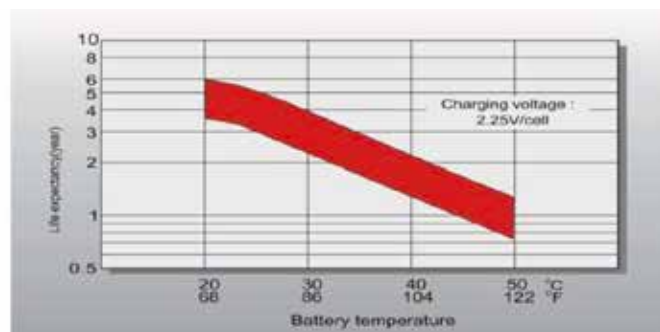
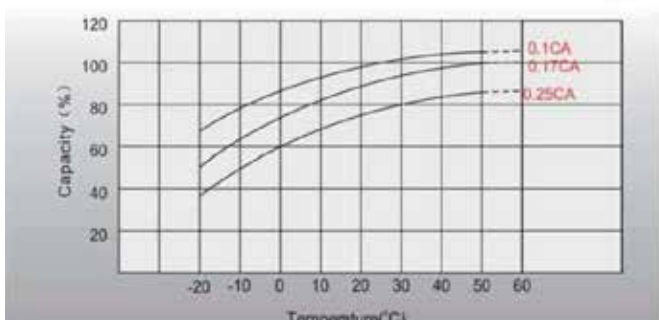
### Caratteristiche di scarico

### Caratteristiche di carica



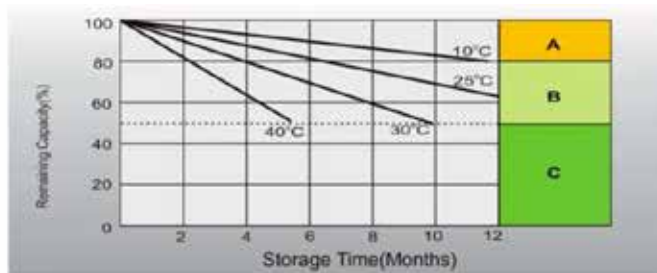
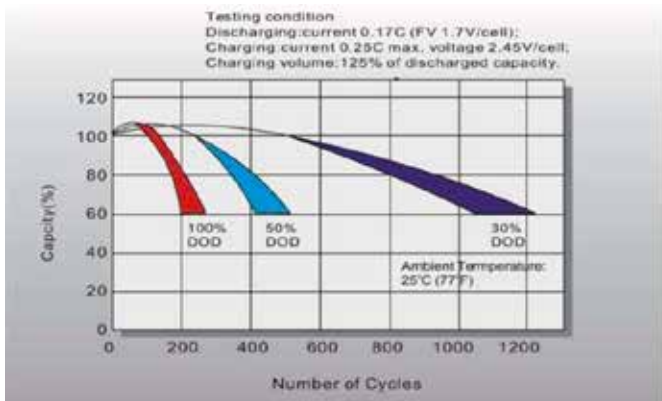
### Effetti della temperatura in relazione alla capacità della batteria

### Effetto della temperatura sulla vita a lungo termine



## Durata del ciclo in relazione alla profondità di scarica

## Caratteristiche di aut scarica



- A** No supplementary charge required  
(Carry out supplementary charge before use if 100% capacity is required.)
- B** Supplementary charge required before use. Optional charging way as below:  
1. Charged for above 3 days at limited current 0.25CA and constant voltage 2.25V/cell.  
2. Charged for above 20 hours at limited current 0.25CA and constant voltage 2.45V/cell.  
3. Charged for 8-10 hours at limited current 0.05CA.
- C** Supplementary charge may often fail to recover the capacity.  
The battery should never be left standing till this is reached.

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