

machpower®



SCHEDA TECNICA
BATTERIA PER UPS
12V/9AH
MOELLO: UPS-B912

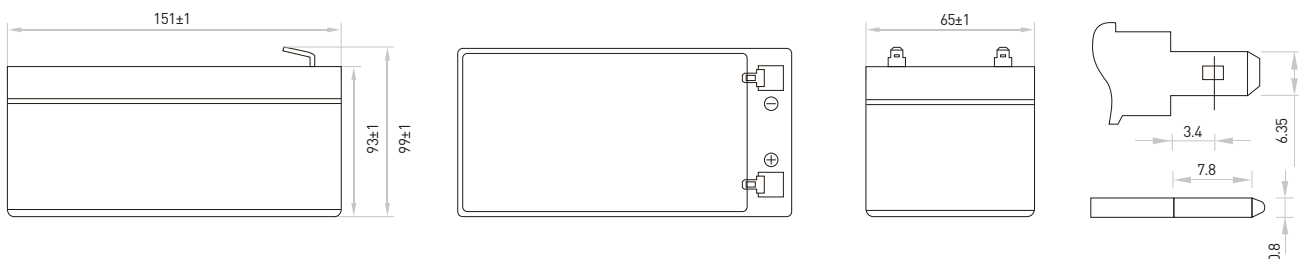
DESCRIZIONE

Batterie progettate per ottenere prestazioni ottimali e per la protezione dai disturbi di linea. Sono ideali per applicazioni UPS ad alta intensità di scarica, sistemi di alimentazione di emergenza, sistemi di sicurezza & allarme.

SPECIFICHE

Nominal	voltage 12V
Nominal Capacity	9.0Ah
Dimensions	
Total Height (mm)	99
Height (mm)	93
Depth (mm)	151
Width (mm)	65
Weight (Kg)	2.55
Capacity 25°C	
20 Hours (0.35 A)	9.00Ah
10 Hours (0.64 A)	6.40Ah
5 Hours (1.20 A)	6.00Ah
1 Hours (4.20 A)	4.20Ah
Internal Resistance	
Battery Full Load (25°C)	22 m Ω
Capacity Affected By Temperature (20h)	
40° C	102%
25° C	100%
0° C	85%
- 15°c	65%
Self-discharge At 25°C	
Storage Capacity After 3 Months	90%
Storage Capacity After 6 Months	80%
Storage Capacity After 12 Months	60%

Downloading Max Current	135A (5s) on 25°C
Loading (Constant Voltage)	
Cycle initial charge current	13.6 - 13.8V (25°C)
Float	14.5 - 14.9V (25°C) Voltage max 2.25A



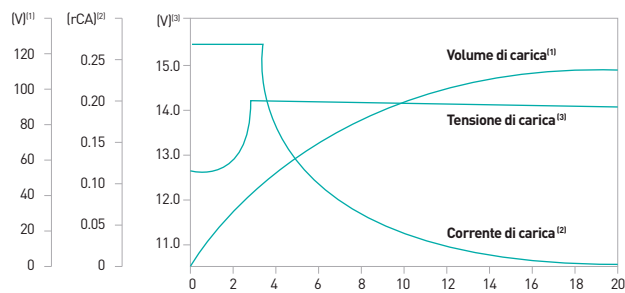
Corrente costante (Amp a 25°C)

Tempo	5min	10min	15min	30min	1h	3h	5h	10h	20h
1.60 V	33.0	24.2	17.0	9.90	5.60	2.33	1.60	0.87	0.47
1.65 V	32.1	23.6	16.5	9.79	5.55	2.29	1.58	0.86	0.46
1.70 V	30.9	22.9	16.1	9.36	5.51	2.25	1.57	0.84	0.46
1.75 V	30.3	22.1	14.6	8.91	5.46	2.20	1.56	0.82	0.45
1.80 V	29.6	21.0	13.9	8.45	5.42	2.14	1.54	0.82	0.44

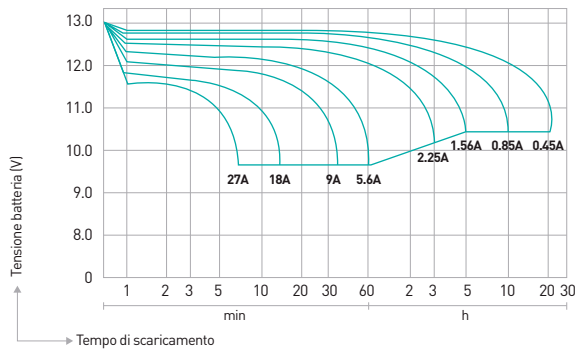
Corrente costante (Watt a 25°C)

Tempo	5min	10min	15min	30min	45min	1h	2h	3h	5h
1.60 V	71.7	44.8	33.6	19.6	14.5	11.5	6.30	4.34	3.10
1.65 V	68.3	44.3	33.1	19.1	14.2	11.2	6.23	4.29	3.04
1.70 V	64.8	42.9	31.1	18.5	13.7	11.0	6.08	4.20	2.98
1.75 V	61.4	41.1	30.2	17.6	12.9	10.7	5.94	4.08	2.92
1.80 V	58.0	39.2	28.4	16.6	12.2	10.4	5.77	3.92	2.85

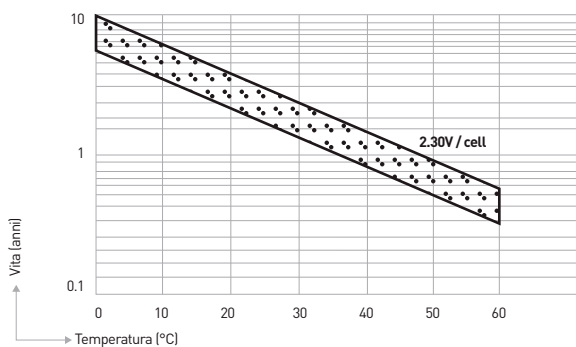
Caratteristiche della curva di caricamento con tensione costante (0.25 CA / 25°C)



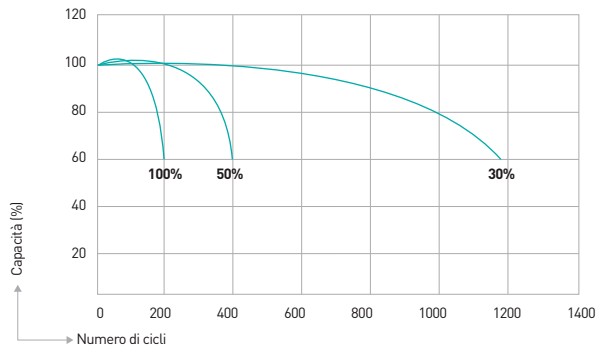
Caratteristiche di scaricamento



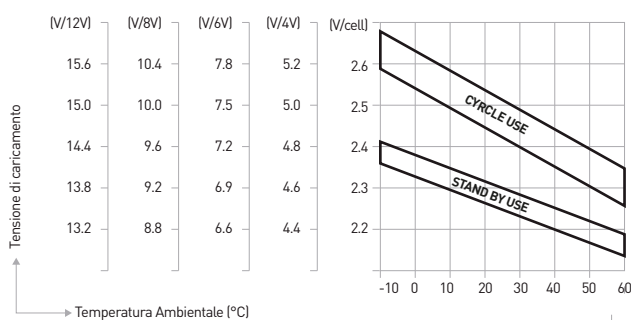
Effetti della temperatura Float Life



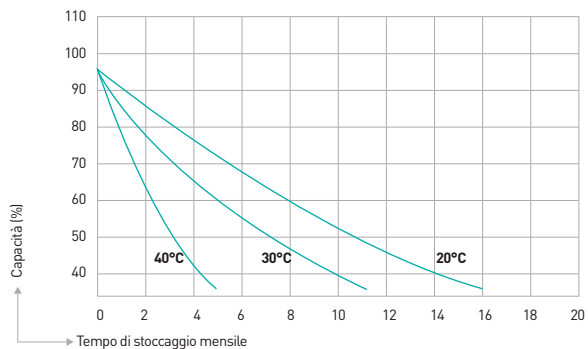
Durata di cicli in relazione alla profondità di scarico



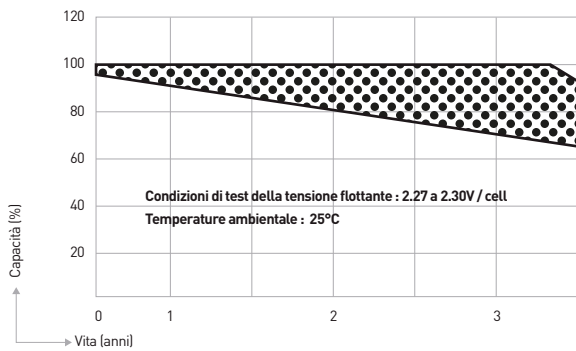
Relazione tra la tensione di caricamento e la temperatura



Caratteristiche di auto scaricamento



Caratteristiche di vita in uso standby



Effetti della temperatura sulla capacità

