

# *machpower*®



**SCHEDA TECNICA**  
**BATTERIA PER UPS**  
**12V/7AH**  
MOELLO: UPS-B712

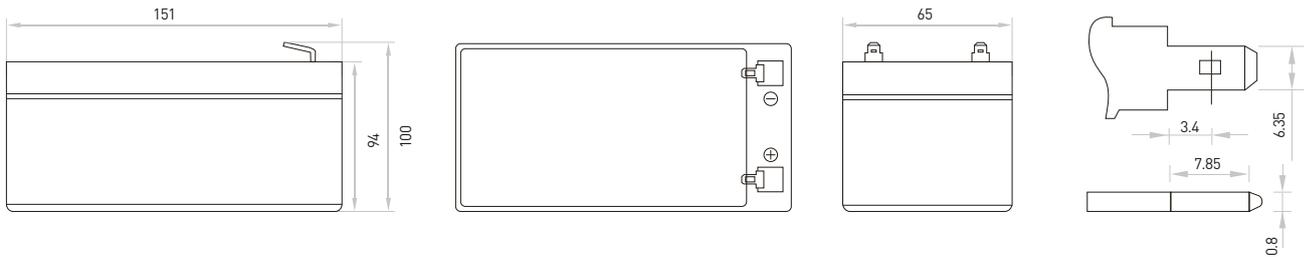
## DESCRIZIONE

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.

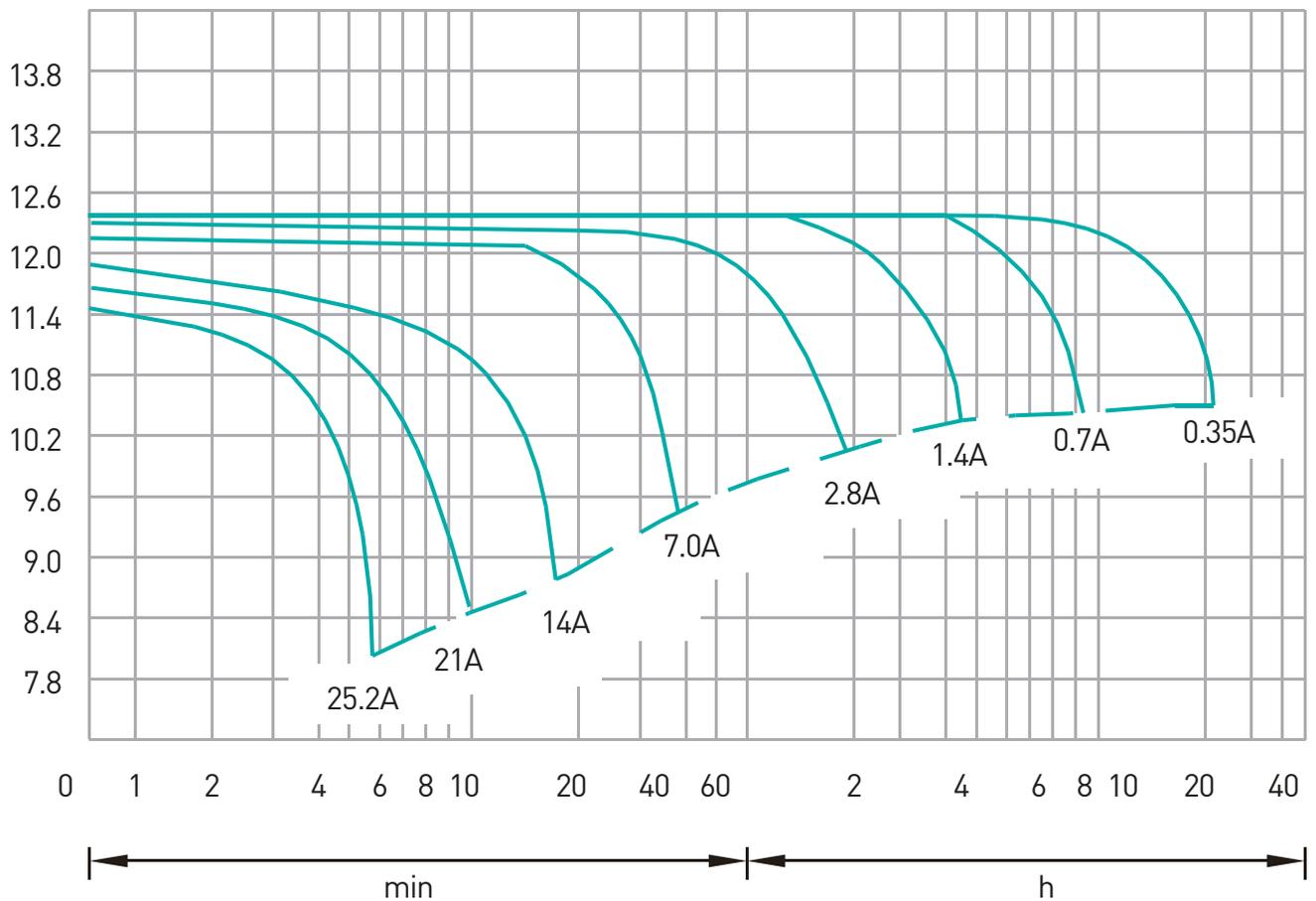
## SPECIFICHE

<b>Nominal</b>	voltage 12V
<b>Nominal Capacity</b>	20h 7.0Ah
<b>Dimensions</b>	
<b>Total Height (mm)</b>	100
<b>Height (mm)</b>	94
<b>Depth (mm)</b>	151
<b>Width (mm)</b>	65
<b>Weight (Kg)</b>	2.35
<b>Capacity 25°C</b>	
<b>20 Hours (0.35 A)</b>	7.00Ah
<b>10 Hours (0.64 A)</b>	6.40Ah
<b>5 Hours (1.20 A)</b>	6.00Ah
<b>1 Hours (4.20 A)</b>	4.20Ah
<b>1.5h Discharge Of 10.5v</b>	2.8Ah
<b>Internal Resistance</b>	
<b>Battery Full Load (25°C)</b>	22 m Ω
<b>Capacity Affected By Temperature (20h)</b>	
<b>40° C</b>	102%
<b>25° C</b>	100%
<b>0° C</b>	85%
<b>- 15°c</b>	65%
<b>Self-discharge At 25°C</b>	
<b>Storage Capacity After 3 Months</b>	91%
<b>Storage Capacity After 6 Months</b>	82%
<b>Storage Capacity After 12 Months</b>	64%

<b>Terminal</b>	T1 - T2
<b>Loading (Constant Voltage)</b>	
<b>Cycle initial charge current</b>	< 2.80 A/ Voltage 10.14-14-40V
<b>Float</b>	13.50V - 13.80V



### Curve di scarico 25°C



**Corrente costante (Amp) e Alimentazione costante (Watt) Tabella a 25°C**

Tempo		5min	10min	15min	30min	1h	2h	3h	4h	5h	8h	10h	20h
9.60 V	<b>A</b>	25.2	16.5	12.3	8.05	4.20	2.45	1.80	1.45	1.23	0.81	0.66	0.36
	<b>W</b>	262	177	131	86.6	45.4	26.9	20.1	16.3	14.0	9.29	7.65	4.21
10.20 V	<b>A</b>	23.1	15.8	11.3	7.64	3.94	2.35	1.75	1.40	1.20	0.80	0.65	0.35
	<b>W</b>	248	177	126	85.8	44.6	27.1	20.3	16.3	14.0	9.32	7.64	4.14
10.50 V	<b>A</b>	21.0	14.8	10.5	7.41	3.82	2.30	1.72	1.33	1.19	0.79	0.64	0.35
	<b>W</b>	231	168	120	85.3	44.2	26.7	20.1	15.6	14.0	9.26	7.62	4.14
10.80 V	<b>A</b>	20.2	14.1	9.80	7.20	3.69	2.25	1.69	1.31	1.14	0.77	0.63	0.34
	<b>W</b>	227	163	113	83.5	42.9	26.3	19.9	15.4	13.4	9.09	7.45	4.06
11.10 V	<b>A</b>	18.7	13.3	9.10	7.00	3.56	2.19	1.60	1.28	1.09	0.75	0.61	0.33
	<b>W</b>	212	154	106	81.9	41.8	25.9	19.1	15.3	15.3	8.84	7.39	4.03