

# ENERGY<sup>®</sup> SAFE

*Batterie ermetiche  
al piombo*



**ACCU ITALIA<sup>®</sup> spa**

ACCUMULATORI

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# Serie Standard

Codice	Tensione nominale V	Capacità nominale 20h/Ah	Dimensioni mm.			Altezza con terminali	Peso Kg.	Posizione dei terminali	Tipo di terminali
			L	P	H				
0040601	6	1,3	97,0	25,0	52,0	57,0	0,300	2	F1
0040602	6	3,2	66,0	33,0	97,0	104,0	0,560	1	F1
0840603	6	3,2	134,0	34,0	60,0	66,0	0,680	2	F1
0040604	6	4,5	70,0	47,0	101,0	105,0	0,830	1	F1
0040606	6	7,0	150,0	34,0	94,0	100,0	1,260	2	F1
0040610	6	10,0	151,0	50,0	93,5	99,5	1,890	2	F1
00406101	6	12,0	151,0	50,0	94,0	99,0	1,900	2	F1
00406103	6	12,0	151,0	50,0	94,0	99,0	1,900	2	F2
00406201	6	20,0	157,0	83,0	125,0	125,0	3,990	20	F3
0841200	12	0,8	96,0	25,0	62,0	62,0	0,350	23	cavi
0041201	12	1,3	97,0	42,0	50,0	56,0	0,540	4	F1
0041202	12	2,3	178,0	34,0	60,0	66,0	1,020	2	F1
08412022	12	2,9	78,0	55,0	98,0	104,0	1,110	6	F1
00412040	12	3,0	134,0	67,0	59,0	65,5	1,330	4	F1
00412051	12	5,0	90,0	70,0	101,0	108,0	1,920	3	F1
00412052	12	5,0	90,0	70,0	101,0	108,0	1,920	3	F2
00412062	12	6,0	151,0	51,0	94,0	97,5	1,980	3	F2
00412080	12	7,0	151,0	65,0	94,0	102,0	2,100	5	F1
004120810	12	7,0	151,0	65,0	94,0	102,0	2,100	5	F2
00412093	12	9,0	151,0	65,0	94,0	102,0	2,710	5	F2
0041212	12	12,0	150,0	97,0	98,0	103,0	3,650	5	F1
00412121	12	12,0	150,0	97,0	98,0	103,0	3,650	5	F2
00412180	12	18,0	181,0	76,0	167,0	167,0	5,490	33	FM5
00412260	12	26,0	166,0	175,0	125,0	125,0	8,160	33	FM5
08412340	12	35,0	193,5	130,0	154,0	166,0	9,000	B	FM6
00412410	12	40,0	198,0	166,0	171,0	171,0	13,050	25	FM6
0841265	12	68,6	350,0	166,0	174,0	174,0	19,100	25	FM6
0841280	12	83,8	260,0	168,0	209,0	211,0	22,800	B	FM6
0041291	12	90,0	352,0	175,0	190,0	190,0	27,000	25	F19
00412100	12	104,0	306,0	168,0	209,0	211,0	29,600	B	FM6

# Serie Ciclica

Codice	Tensione nominale V	Capacità nominale 20h/Ah	Dimensioni mm.			Altezza con terminali	Peso Kg.	Posizione dei terminali	Tipo di terminali
			L	P	H				
004121212	12	12,0	151,0	99,0	95,0	100,0	4,000	5	F2
004121412	12	14,0	151,0	99,0	98,0	103,0	4,400	5	F2
00412152	12	18,0	181,0	76,0	167,0	167,0	6,283	33	FM5
08412182	12	26,4	181,0	77,0	170,0	170,0	6,850	33	FM5
00412242	12	26,0	166,0	175,0	125,0	125,0	9,528	33	FM5
08412272	12	33,4	168,0	178,0	117,0	124,0	8,900	33	FM5
08412282	12	31,4	166,0	125,0	175,0	175,0	9,000	33	FM5
08412342	12	35,0	197,0	131,0	156,0	180,0	11,107	20	FM6
00412402	12	45,0	198,0	166,0	171,0	171,0	14,109	25	FM6
00412502	12	50,0	198,0	166,0	171,0	171,0	14,237	25	FM6
08412552	12	59,6	229,0	138,0	213,0	213,0	17,300	25	FM6
08412802	12	91,2	260,0	168,0	211,0	211,0	26,000	25	FM6
004121002	12	100,0	305,0	168,0	211,0	211,0	29,890	25	FM6
08412102	12	108,0	305,0	168,0	211,0	211,0	29,700	25	FM6

# Serie (LL) Long Life

## Extendend Life

Codice	Tensione nominale V	Capacità nominale 20h/Ah	Dimensioni mm.			Altezza con terminali	Peso Kg.	Posizione dei terminali	Tipo di terminali
			L	P	H				
<b>004120819</b>	12	7,2	151,0	65,0	94,0	102,0	2,400	5	F2
<b>00412099</b>	12	8,7	151,0	65,0	94,0	102,0	2,700	5	F2
<b>004121219</b>	12	12	151,0	90,0	93,0	98,0	4,020	5	F2
<b>00412200</b>	12	204	520,0	240,0	220,0	225,0	61,500	4	FM8

## Serie Starter

Codice	Tensione nominale V	Capacità nominale 20h/Ah	Dimensioni mm.			Altezza con terminali	Peso Kg.	Posizione dei terminali	Tipo di terminali
			L	P	H				
<b>00412151</b>	12	18,0	181,0	76,0	167,0	167,0	6,283	33	F3
<b>00412221</b>	12	22,0	181,0	76,0	167,0	167,0	6,700	33	FM6

### TIPO DI TERMINALI

F1 = faston 4,8 mm.  
F2 = faston 6,3 mm.

F3 = polo a bandiera

FM5 = inserto femmina in M5

FM6 = inserto femmina in M6  
FM8 = inserto femmina in M8

## Posizione dei terminali

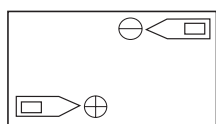


Fig. 1

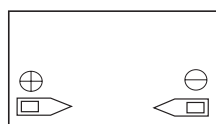


Fig. 2

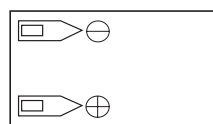


Fig. 4

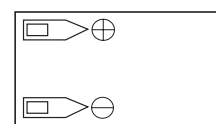


Fig. 5

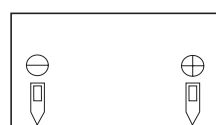


Fig. 8

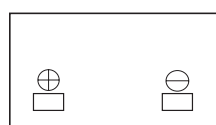


Fig. 20



Fig. 25



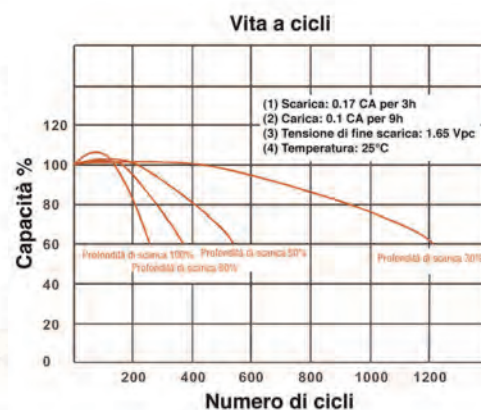
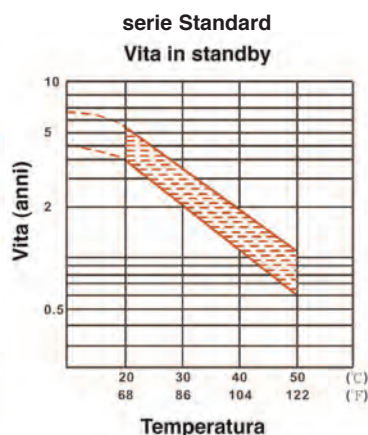
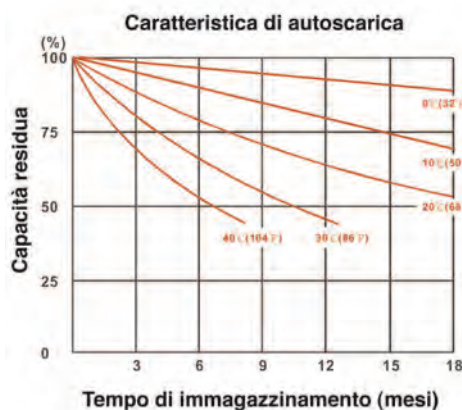
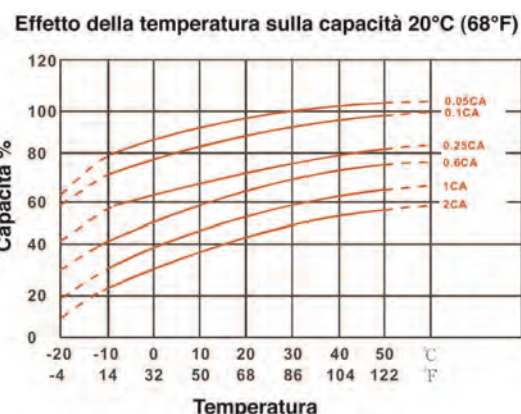
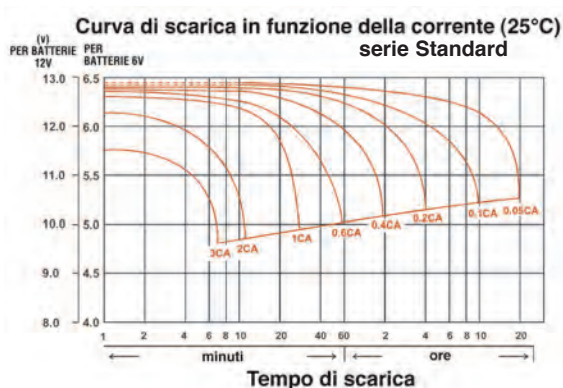
Fig. 33



# Caratteristiche generali Serie Standard

## Corrente di scarica e tensione di fine scarica

Corrente di scarica (A)	Tensione di fine scarica (V/cel)
(A) ≤ 0.2C	1.75
0.2C ≤ (A) 0.5C	1.70
0.5C ≤ (A) 1.0C	1.60
(A) ≥ 1.0C	1.40



### APPLICAZIONE D'USO

Metodo di carica  
 Regolazione tensione (v/cell) 20°C  
 Fattore di correzione della temperatura  
 Max corrente di carica (CA)  
 Tempo di carica 20°C con scarica 100%  
 Tempo di carica 20°C con scarica 50%  
 Temperatura °C

### STANDBY

tensione costante  
 2.25-2.30  
 -3.3mV/°C/cell  
 0.3  
 24 h  
 20 h

### CICLICO

tensione costante  
 2.40-2.50  
 -0.5mV/°C/cell  
 0.3  
 16 h  
 10 h  
 0 - 40

I dati tecnici possono variare senza preavviso. Sono da considerarsi indicativi.