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# MOTIVE POWER BATTERIES FORCEblock

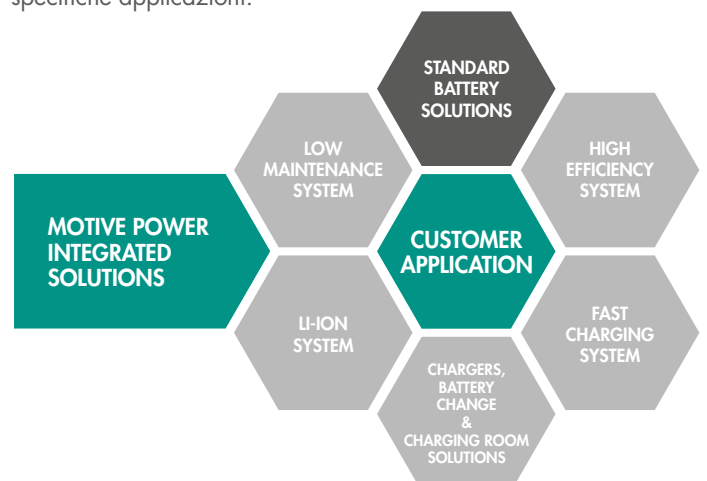
# FORCEblock



PRODUCT SOLUTION	FORCEblock
APPLICATION	Standard
TECHNOLOGY	VLA VRLA
MAINTENANCE	VLA = weekly VRLA = yearly
DESIGN	Multicell block (6V - 12V)
CAPACITY (C5)	60-200 Ah
INTER-CELL CONNECTIONS	Welded (internal)
DESIGN LIFE (CYCLES*)	VLA flat 500+ / VLA tubular 1200+ VRLA AGM 400+ / VRLA GEL 600+
SINGLE POINT WATERING	Optional (depending on the battery model)
AIR MIXING	NA
ELECTROLYTE LEVEL SENSOR	NA
CHARGING SOLUTION	7 to 12 hrs charging time with HF switching chargers
ENERGY PACK CHARGER	MIDATRON HF
BMU MODULE	NA
BATTERY CHANGE SOLUTION	NA

Following the long and successful experience of EW (Energy at Work) batteries, the new FORCEblock range has been designed to be a complete and reliable solution for ALL those LIGHT MOTIVE POWER applications such as EV, cleaning machines, small pallet trucks, aerial platform and lifts, as well as wheelchairs and golf cart. Now available in vented and sealed version, both flat and tubular plates models can be defined to properly satisfy the specific application.

Seguendo la lunga esperienza di successo delle batterie EW (Energy at Work), la nuova gamma FORCEblock rappresenta una soluzione completa ed affidabile per tutte le applicazioni di TRAZIONE LEGGERA come, veicoli elettrici, macchine pulitrici, piccoli transpallet, piattaforme aeree e sollevatori, oltre a carrozzine elettriche e golf cart. Disponibili nei modelli tipo aperto e sigillato, entrambi le versioni con placche positive piane o tubolari possono essere opportunamente definite per soddisfare specifiche applicazioni.



(\*) 80% DoD at 30°C with Energy Pack configuration (applicable correcting factors to be considered)

MIDAC si riserva il diritto di apportare in qualsiasi momento modifiche alle caratteristiche tecniche, alla tipologia costruttiva dei propri prodotti e/o alla gamma proposta senza obbligo di darne preventiva comunicazione scritta.



Type Tipo	V	Capacity / Capacità		Weight / Peso	Dimensions			Layout	Hold-down / Tallone
		Ah (5 h)	Ah (20 h)	Kg	L	W	H		Bx
<b>VLA FLAT PLATES - VLA PIASTRE PIANE</b>									
<b>6 MFB 185</b>	6	185	240	33,2	244	190	282		B0
<b>12 MFB 60</b>	12	60	75	20,7	275	175	190		B3
<b>12 MFB 75</b>	12	75	90	26,1	353	175	190		B3
<b>12 MFB 80</b>	12	80	100	27,9	312	175	219		B1
<b>12 MFB 115</b>	12	115	140	41,4	510	189	223		B0
<b>12 MFB 145</b>	12	145	180	49,1	510	223	223		B0
<b>12 MFB 185</b>	12	185	230	64,4	510	273	240		B0
<b>VLA TUBULAR POSITIVE PLATES - VLA PIASTRE POSITIVE TUBOLARI</b>									
<b>6 MFB 185 T</b>	6	185	240	34,0	244	190	282		B0
<b>6 MFB 200 T</b>	6	200	260	32,1	244	190	282		B0
<b>6 MFB 175 T</b>	6	175	220	29,0	260	180	275		B0
<b>12 MFB 80 T</b>	12	80	105	27,2	308	175	225		B1
<b>12 MFB 90 T</b>	12	90	120	28,5	345	170	235		B0
<b>12 MFB 105 T</b>	12	105	130	40,1	345	170	290		B0
<b>VRLA (AGM=A - GEL=G)</b>									
<b>6 MFB 185 A</b>	6	185	240	31,5	244	190	274		B0
<b>12 MFB 75 G</b>	12	75	95	31,0	330	173	218		B0
<b>12 MFB 105 G</b>	12	105	130	47,3	345	172	280		B0



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#### **QUALITY AND FLEXIBILITY**

MIDAC is very committed in providing the market with a wide range of products, ensuring premium quality and maximum flexibility to satisfy any requirement, also engineering customized solutions.

MIDAC'S management system is certified according to:

ISO 9001:2008, ISO/TS 16949:2009, ISO 14001:2004, BS OHSAS 18001:2007, SA 8000:2008



#### **MIDAC SPA SPA HEADQUARTER, SOAVE, VERONA, ITALY**

Unica realtà a produrre batterie avviamento, trazione e stazionarie in un singolo stabilimento produttivo, in 25 anni è diventata una delle aziende leader in Europa con prodotti distribuiti in tutto il mondo.

*The only company that produces Automotive, Motive power and Stationary batteries in the same manufacturing plant, in less than 25 years it has become one of the leading companies in Europe and its products are sold worldwide.*

#### **MIDAC PRODUZIONE VERDE**

Midac utilizza l'energia pulita prodotta dal proprio impianto fotovoltaico per la produzione di batterie e accumulatori, evitando l'emissione di 945 tonnellate di CO<sub>2</sub> ogni anno.

#### **MIDAC GREEN PRODUCTION**

*Midac uses clean energy produced by your photovoltaic system for the production of batteries and accumulators, avoiding the emission of 945 tons of CO<sub>2</sub> each year.*

