



THE SOURCE OF POWER®

DEEP CYCLE BATTERIES



**MEGALIGHT
POWER**
AGM batteries



**MONOLITH
POWER**

Semi Traction
batteries

MEGALIGHT POWER AGM

Deep Cycle batteries



Megalight Power range feature advance AGM technology with absorbed electrolyte. Designed for reliable storage solutions for renewable energy applications.

- 100% non spillable, perfect for indoor usage
- more than 400 cycles at 75% D.O.D.
- extremely long service life
- absolutely maintenance free
- high reliability and safe handling



La gamme MEGALIGHT POWER présente la dernière technologie AGM « Absorbent Glass Mat » avec électrolyte absorbé. Conçue comme solution de stockage sûre pour les applications d'énergies renouvelables.

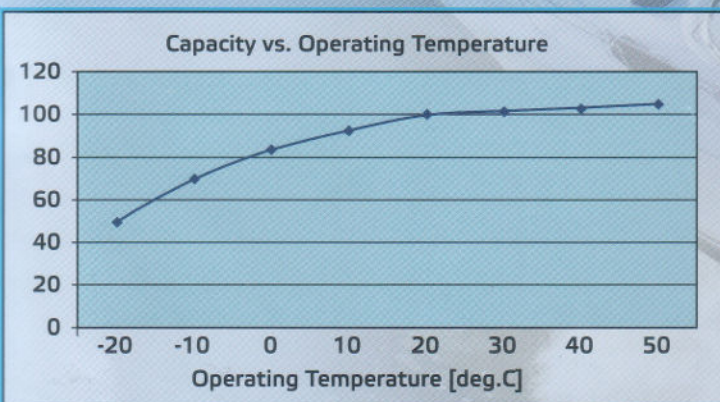
- 100% anti-fuite et anti écoulement conseillée pour des usages en espaces clos.
- plus de 400 cycles à 75% de taux de décharge (D.O.D)
- durée de vie accrue
- absolument aucun entretien nécessaire
- manutention facile et sûre

Technical Parameters 12V blocks

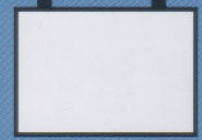
Battery type	Nominal Voltage	C1 (10.2V per block)	C5 (10.2V per block)	C10 (10.2V per block)	C100 (10.8V per block)	Reserve Capacity	Dimensions, mm			Layout
							V	Ah	Ah	
ML 81060	12V	33	43	49	57	103	242	175	190	0
ML 81070	12V	40	50	57	67	125	278	175	190	0
ML 81090	12V	50	67	74	83	175	353	175	190	0
ML 1290M	12V	50	67	74	83	175	308	175	210	0
ML 1200C	12V	55	75	85	100	210	345	175	230	0
ML 140A	12V	85	115	130	160	267	513	189	223	3
ML 170B	12V	100	135	150	190	336	513	223	223	3
ML 185C	12V	115	155	185	220	383	518	274	242	3
ML 220C	12V	135	185	200	250	496	518	274	243	3

Charging Parameters

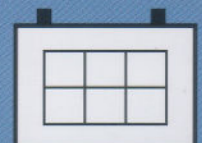
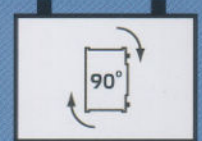
Charging type	Parameter / limits
Charge with constant current	Current limit: 10 – 20 % from C10 capacity rate
Charge with constant voltage	Voltage limit: 14.1 – 15.0 V per block
Float Charge Voltage (cycling)	Float voltage: 13.62 V per block @ 20°
Temperature Correction Factor	0.018V per block / °C



Valve Regulated Battery



Block battery



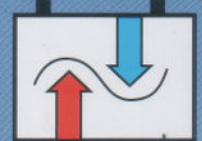
Flat plates



Nominal capacity
45 - 250 Ah



Proof against deep discharge



≥400 cycle D.O.D



Maintenance free
(no topping up)



Fully recyclable

MONBAT®

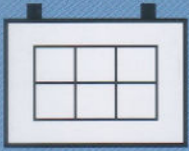
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MONOLITH POWER

Semi Traction batteries



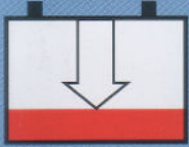
Block battery



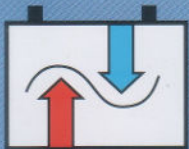
Flat plates



Nominal capacity
45 - 250 Ah



Proof against deep
discharge



≥ 300 cycle D.O.D



Maintenance free
(no topping up)



Fully recyclable



Monolith Power semi traction range is specifically designed for applications requiring a permanent and long lasting supply of electric energy.

- suitable for dual usage: power supply & starting power
- more than 300 cycles at 75% D.O.D.
- long service life
- high resistance to deep and repeated discharge cycles
- sealed maintenance free SMF



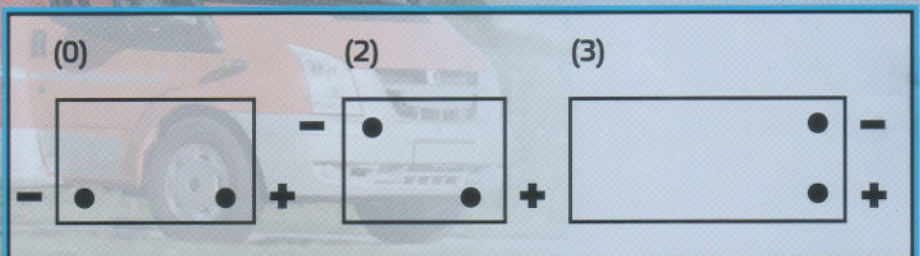
La gamme MONOLITH POWER est spécifiquement conçue pour des applications nécessitant un approvisionnement constant en d'énergie électrique.

- Possibilité d'usage multiples: approvisionnement électrique et démarrage
- plus de 300 cycles a 75% de taux de décharge (D.O.D)
- longue durée de vie
- résistance élevée à des décharges profondes et répétées
- batteries scellées sans maintenance (SMF)

Technical Parameters

Battery Type	Nominal Voltage V	C20 [Ah]	C5 [Ah]	Reserve Capacity min	Dimensions mm			Layout	Lid	Hold Down
					L	W	H			
95502	12	60	50	82	242	175	190	0	SMF	B13
95602	12	75	60	130	278	175	190	0	SMF	B13
95551	12	80	60	140	270	175	220	1	K	B9
95751	12	90	75	160	353	175	190	0	SMF	B13
95752	12	100	80	182	304	173	220	0	SMF	B1
95804	12	105	85	192	345	175	230	0	SMF	B0
96002	12	125	100	235	345	175	285	0	SMF	B0
96151	12	140	120	270	513	189	223	3	F	B0
96351	12	180	155	365	513	223	223	3	F	B0
96701	12	200	170	415	518	274	242	3	F	B0
96803	12	230	190	460	518	274	242	3	F	B0
91801	6	240	185	500	244	190	274	2	F	B0

Layout

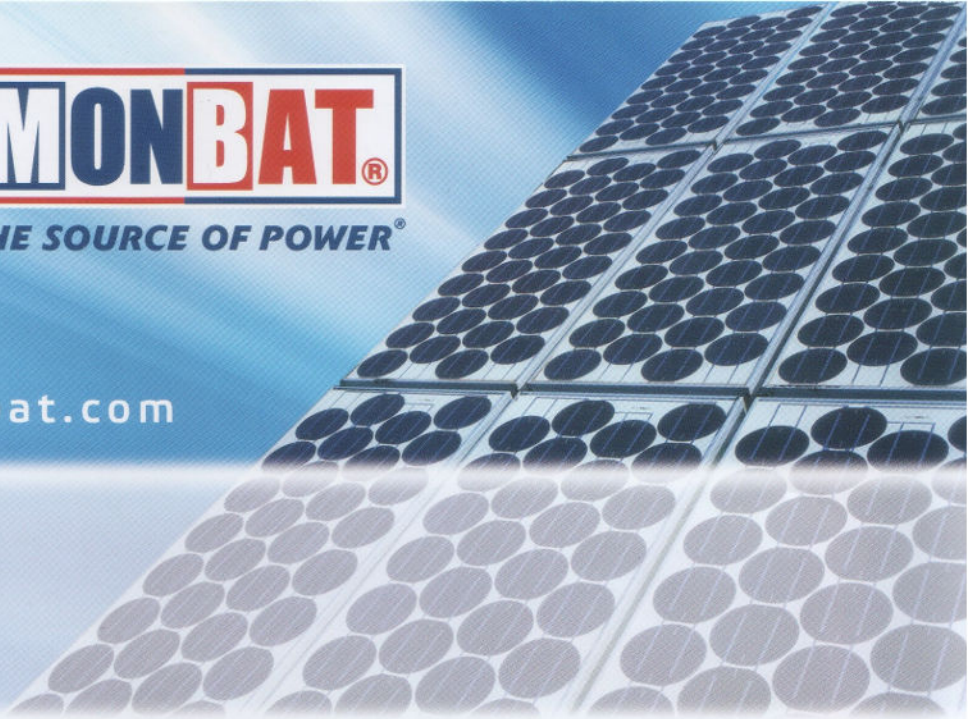


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KEY APPLICATION AREAS



Residential Applications

- Small villas without main supply
- Caravans



Light Industrial Applications

- Solar and Wind power stations
- Small and medium size industrial solar systems
- Forklift, pallet jack
- Scissor lift, stacker
- Cleaning machine



Communications

- Wireless emergency phone boxes
- UPS



Remote monitoring

- Safety equipment of all kinds



Lighting

- Street solar lighting



Leisure and Marine

- Yachts, boats
- Golf carts
- Lawn mowers



Utility/Transport Vehicles

- Electric vehicles
- Coaches, Buses
- Taxis
- Ambulance



Applications résidentielles



- Villas hors réseau
- Caravanes

Applications industrielles légères

- Générateurs éoliens et solaires
- Systems solaires de petite ou moyenne taille
- Chariots élévateurs, tire-palettes
- Plateformes éclectiques, stackers
- Machines de nettoyage

Communications

- Systèmes autonomes de téléphonie
- UPS

Sécurité

- Equipement de sureté

Eclairage

- Eclairage public solaire

Plaisance et Marine

- Yachts et bateaux
- Voitures de Golf
- Tondeuses a gazon

Véhicules utilitaires

- Voitures électriques
- Busses
- Taxis
- Ambulances



Recycle with Monbat