

**STANDARD  
BATTERY  
SOLUTIONS**

**POWERBLOC  
POWERBLOC DRY**

**BIGGER POWER FOR  
SMALL TRACTION**



**EnerSys**  
*Power/Full Solutions*

# STANDARD BATTERY SOLUTIONS

*powerbloc*  
*powerbloc dry*

## BIGGER POWER FOR SMALL TRACTION

Powerbloc and Powerbloc Dry are ranges of bloc batteries for all applications in small traction, from cleaning machines to pallet trucks, industrial electric vehicles, aerial platforms, Automated Guided Vehicles, as well as domestic applications like wheelchairs, golf carts, etc. Powerbloc are flooded batteries whilst Powerbloc Dry are gas recombination batteries.

These ranges can be recharged with HF or 50 HZ chargers. Our HF chargers are equipped with microprocessors and ensure a reliable full recharge for any degree of discharge of the battery (max 80%). These chargers have an electronically regulated characteristic charging curve. The charging process is automatically controlled and terminated. All chargers are protected against overload and short circuit.



## RANGE TECHNICAL TABLE

POWERBLOC TP										
Type	Voltage [V]	C <sub>5</sub> [Ah]	C <sub>20</sub> [Ah]	Dimensions [max. mm]			Weight [kg]	N° of cycles <sup>1)</sup> 80% DOD	Polarity <sup>2)</sup>	Terminal <sup>3)</sup>
				L	W	H				
6 TP 175	6	175	230	263	183	270	30,5	1100	1	AP
6 TP 180	6	180	220	244	190	269	29,5	1100	1	AP
6 TP 210	6	210	260	244	190	269	33,5	1100	1	AP
12 TP 70	12	70	90	308	176	217	25,5	1100	1	AP
12 TP 90	12	90	120	344	171	233	28,6	1100	1	AP
12 TP 110	12	110	140	345	173	278	39	1100	1	AP
12 TP 125	12	125	160	508	175	225	38,5	1100	3	AP

POWERBLOC FPT										
Type	Voltage [V]	C <sub>5</sub> [Ah]	C <sub>20</sub> [Ah]	Dimensions [max. mm]			Weight [kg]	N° of cycles <sup>1)</sup> 80% DOD	Polarity <sup>2)</sup>	Terminal <sup>3)</sup>
				L	W	H				
6 FPT 185	6	185	237	260	180	277	27,8	700	1	UT
6 FPT 195	6	195	250	261	181	278	29,2	700	1	UT
6 FPT 210	6	210	269	263	179	291	31,7	700	1	UT
6 FPT 215	6	215	275	297	181	293	33,2	700	1	UT
6 FPT 255	6	255	326	316	180	368	41,2	700	1	UT
6 FPT 305	6	305	390	312	182	418	50,6	700	1	UT
8 FPT 145	8	145	186	262	181	278	28,7	700	1	UT
12 FPT 85	12	85	109	323	172	232	26,6	700	2	DT
12 FPT 105	12	105	134	349	171	248	29,0	700	2	DT
12 FPT 120	12	114	146	350	180	278	39,2	700	2	UT
12 FPT 150	12	150	192	394	176	374	49,6	700	1	UT

POWERBLOC DRY MFP											
Type	Voltage [V]	C <sub>5</sub> [Ah]	C <sub>20</sub> [Ah]	Dimensions [max. mm]			Weight [kg]	N° of cycles <sup>1)</sup> 60% DOD	N° of cycles <sup>1)</sup> 80% DOD	Polarity <sup>2)</sup>	Terminal <sup>3)</sup>
				L	W	H					
6 MFP 180	6	180	216	249	190	275	29,6	700	500	1	AP
6 MFP 240	6	240	307	311	183	358	47,0	700	500	1	AP
12 MFP 50	12	50	65	278	175	190	21,0	700	500	1	AP
12 MFP 70	12	70	90	307	169	228	24,1	700	500	2	AP
12 MFP 80	12	80	93	307	169	228	27,1	700	500	2	AP
12 MFP 105	12	105	129	349	174	283	37,4	700	500	1	AP

Dimensions: +/- 2 mm | Overall Height | Weight: +/- 5%

1) Maximum 80% of DOD (depth of discharge).

2) Polarity variants, see next page.

3) Terminal configuration, see next page.

## POWERBLOC TP

### Cell construction

The Powerbloc TP series consists of robust tubular positive plate with free electrolyte to ensure a long operating life.

### Benefits

- Premium tubular plate construction for robust 1100 cycle performance.
- Maximum performance giving best possible run-times in the heaviest duty applications.
- Extended performance and run time for maximum machine performance.

Variants of polarity			
	1	2	3
6 V			
8 V			
12 V			

## POWERBLOC FPT

### Cell construction

The Powerbloc FPT series has advanced flat grid plates and paste formulation giving extended service life. It is especially suited to arduous deep cycle semi-traction applications.

### Benefits

- Advanced separator design and paste formulation gives true 700 cycle performance.
- Enhanced performance gives extended running times and lower maintenance.
- Superior performance means more productive run-time.

Terminal Configuration	
	Automotive Post (AP)
	Universal Terminal (UT)
	Dual Terminal (DT)

## POWERBLOC DRY MFP

### Cell construction

The Powerbloc Dry MFP series consists of grid plates in special alloy with gel electrolyte.

### Benefits

- Totally maintenance free due to electrolyte immobilized in a gel.
- Very high aptitude for high current, reduced self-discharge and resilient to temperature variations.
- For applications in medium cycling duty.

Variants of polarity		
	1	2
6 V		
12 V		
Terminal Configuration		
	Automotive Post (AP)	

## ABOUT ENERGYSYS®

EnerSys®, the global leader in stored energy solutions for industrial applications, manufactures and distributes reserve power and motive power batteries, battery chargers, power equipment, battery accessories and outdoor equipment enclosure solutions to customers worldwide.

Motive power batteries and chargers are utilized in electric forklift trucks and other commercial electric powered vehicles.

Reserve power batteries are used in the telecommunication and utility industries, uninterruptible power supplies, and numerous applications requiring stored energy solutions including medical, aerospace and defence systems.

Outdoor equipment enclosure products are utilized in the telecommunication, cable, utility, transportation industries and by government and defence customers.

The company also provides aftermarket and customer support services to its customers from over 100 countries through its sales and manufacturing locations around the world

**WHEREVER  
YOU DO BUSINESS,  
ENERSYS  
CAN SUPPORT  
YOU WITH MOTIVE  
POWER ENERGY.**





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