



SEMI-TRACTION &

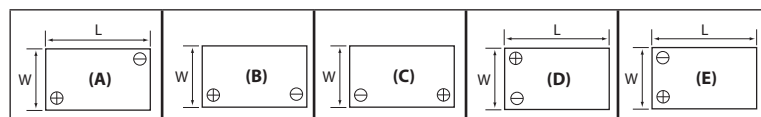
Cyclic flat plate & Tubular plate monobloc

REF	V	Ah/20h	Ah/5h	TYPE				QTY/ PALLET	KG	Layout	Poles	
					X	Y	H					
9.080.1-MAR	6	100	80	P	225	175	235	60	37,10	C	A	
9.095.2-MAR	6	120	96	P	260	175	235	60	12,30	C	A	
9.180.1-MAR	6	240	185	P	244	190	275	57	31,00	A	A	
6PzS195-MAR	6	240	195	T	244	190	275	57	32,00	A	A	
6DCS195-MAR	6	240	195	P/T	244	190	275	40	31,30	A	UT	
6PzS205-MAR	6	270	205	T	244	190	275	57	32,50	A	A	
6PzS180-MAR	6	240	180	T	260	180	275	32	32,00	A	A	
PzS320-MAR	6	425	320	T	311	185	360	28	50,00	A	A	
9.540.1-MAR	12	K	50	36	P	205	175	190	96	13,60	C	A
2PzS38-MAR	12		50	38	T	205	175	190	66	13,50	C	A
9.550.2-MAR	12	K	60	50	P	242	175	190	76	16,80	C	A
2PzS56-MAR	12		75	56	T	268	175	208	48	20,00	C	A
9.560.2-MAR	12		75	60	P	275	175	190	80	17,50	C	A
9.560.2 HC-MAR	12	K	85	72	P	275	175	190	64	18,00	C	A
3PzS57-MAR	12		72	57	T	278	175	190	80	18,00	C	A
9.555.1-MAR	12	K	80	65	P	270	175	225	57	20,00	C	A
9.575.1-MAR	12	K	90	75	P	353	175	190	56	24,00	C	A
3PzS75-MAR	12	K	90	75	T	302	175	230	42	28	C	8
9.580.3-MAR	12		100	80	P	305	175	227	56	23,00	C	A
9.580.4-MAR	12	K	115	98	P	348	175	230	36	28,50	C	A
9.580.2-MAR	12		110	95	P	415	175	215	40	30,00	C	A
9.590.3-MAR	12		120	90	P	308	174	225	56	24,00	C	A
4PzS90-MAR	12		120	90	T	344	172	238	48	39,00	C	A
9.820.0-MAR	12	K	125	100	P	360	253	235	27	48,00	C	A
9.600.2-MAR	12		130	106	P	345	175	283	36	35,00	C	A
9.605.1-MAR	12	K	140	115	P	510	189	223	28	42,00	D	A
4PzS118-MAR	12		160	118	T	345	170	285	36	40,00	C	A
4DCS118-MAR	12		165	118	P/T	346	171	290	36	40,00	C	A
PzS126-MAR	12		167	126	T	510	175	225	32	40,00	C	A
9.635.1-MAR	12	K	180	145	P	513	223	223	28	48,00	D	A
PzS150-MAR	12		200	150	T	510	222	225	28	51,40	E	A
9.680.1-MAR	12	K	230	185	P	518	273	240	18	60,00	D	A

K= Kamina cover, P=Flat Plate, T= Tubular Plate

LAYOUT

POLES
A (Automotive)



TRACTION BATTERIES



THE MAIN TECHNICAL CHARACTERISTICS:

- Thicker plates
- Grid plates with radial geometry
- Active material with specific composition to resist the cyclical discharges
- Grids of Pb / Sb / Sn / As / Se alloy which improves corrosion resistance and improves the contact between the active material allows
- Micro-porous rubber separators with glass fiber mats to prevent the loss of active materials.

PERFORMANCE IN CYCLES ACCORDING TO DIN

The batteries meet the following specifications concerning the charge/discharge cycles:

Semi-traction batteries

- 300 cycles according to DIN 43 539 Part 3
- 600 cycles according to DIN 40 757

Besides, the battery types with positive tubes plates "TP" meet also following specifications:

Traction Batteries

- 1250 cycles according to DIN 40 767

The battery life measured in discharge / charge cycles, depends not only on accurate and precise service, but also on other parameters, such as the depth of discharge, intermediate charges, the charging method and charge factor, the working temperature and the intensity of possible vibrations.

CHEMICAL REACTION

The chemical reaction at the charge / discharge process of the battery is presented through the following formula:

