

**OxiMax MM Series - Standard Model Specifications 2006**

<b>Model</b>	<b>MM25</b>	<b>MM50</b>	<b>MM80</b>	<b>MM100</b>	<b>MM150</b>	<b>MM225</b>	<b>MM350</b>	<b>MM450/2</b>	<b>MM700/2</b>	<b>MM1000/3</b>	<b>MM1400/4</b>	<b>MM2000/2</b>	<b>MM3000/3</b>
<b>Rated Hypo (chlorine equivalent) output (g/hr)</b>	<b>25</b>	<b>50</b>	<b>80</b>	<b>100</b>	<b>150</b>	<b>225</b>	<b>350</b>	<b>450</b>	<b>700</b>	<b>1000</b>	<b>1400</b>	<b>2000</b>	<b>3000</b>
Hypo Strength (g/l)	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7	5 - 7
Electrolyser Cell Model	MMB25	MMB50	MMB80	MMB100	MMB150	MMC225	MMC350	MMC225	MMC350	MMC350	MMC350	MMC1000	MMC1000
No. of Electrolyser Cells	1	1	1	1	1	1	1	2	2	3	4	2	3
Electrode Material	1.0 mm Ti Plate	1.0 mm Ti Plate	1.0 mm Ti Plate	1.0 mm Ti Plate	1.0 mm Ti Plate	1.5/1.0 mm Ti Plate	1.5/1.0 mm Ti Plate	1.5/1.0 mm Ti Plate	1.5/1.0 mm Ti Plate	1.5/1.0 mm Ti Plate	1.5/1.0 mm Ti Plate	1.5/1.0 mm Ti Plate	1.5/1.0 mm Ti Plate
Anode Coating	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12	MMO SC12
Cell Configuration	5 Plate Bipolar	5 Plate Bipolar	8 Plate Bipolar	8 Plate Bipolar	8 Plate Bipolar	7 Plate Bipolar	7 Plate Bipolar	7 Plate Bipolar	7 Plate Bipolar	7 Plate Bipolar	7 Plate Bipolar	10 Plate Bipolar	10 Plate Bipolar
Water Supply Pressure (bar)	1 - 10	1 - 5	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10	1 - 10
Min. Water Supply Flow (litres/min)	3.8	3.8	3.8	3.8	8.0	8.0	8.0	33.3	33.3	33.3	60.0	60.0	60.0
<b>Recommended Volume Salt Tank (litres)</b>	<b>60</b>	<b>125</b>	<b>340</b>	<b>450</b>	<b>450</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>	<b>1000</b>	<b>2000</b>	<b>2000</b>
Salt Consumption (g/hr)	100	200	320	400	600	900	1400	1800	2800	4000	5600	8000	12000
Days operation at 75% Duty Cycle	25	26	44	47	31	46	30	23	15	10	7	10	7
<b>Recommended Volume Storage Tank (litres)</b>	<b>100</b>	<b>140</b>	<b>250</b>	<b>500</b>	<b>500</b>	<b>1000</b>	<b>2273</b>	<b>2273</b>	<b>2273</b>	<b>2273</b>	<b>4730</b>	<b>4730</b>	<b>4730</b>
Connected Voltage Range (AC)	176 - 264	176 - 264	176 - 264	176 - 264	176 - 264	176 - 264	415 3 phase	415 3 phase	415 3 phase	415 3 phase	415 3 phase	415 3 phase	415 3 phase
Frequency Range (Hz)	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63	47 - 63
Recommended Connected Amps	8	10	10	10	10	15	10	10	15	15	20	30	45
Power Module Type	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Conventional	Conventional
System Operating DC Volts	12	12	24	24	24	24	24	24	24	24	24	36	36
Operating DC Amps per Cell	15	24	20	25	37	60	100	60	100	100	100	200	200
Power Consumption (kWh)	0.2	0.2	0.4	0.5	0.7	1.6	2.5	3.1	4.8	6.8	9.5	13.6	20.4
Electrolyser Size (less Salt + Storage Tanks) (l x w x h)	370 x 450 x 550	400 x 550 x 550	675 x 300 x 1675	675 x 300 x 1675	675 x 300 x 1675	900 x 300 x 1675	900 x 300 x 1675	1000 x 300 x 1675	1000 x 300 x 1675	1200 x 300 x 1675	1300 x 300 x 1675	1500 x 300 x 1675	1500 x 300 x 1675
Dry weight Electrolyser (kg)	20	30	50	55	60	75	84	92	75	95	105	115	145
Operating Weight Electrolyser (kg)	27	37	59	71	78	83	92	101	83	105	116	127	160
Power Supply dimensions (l x w x h)	Integral	Integral	Integral	Integral	Integral	Integral	Integral	Integral	600 x 270 x 600	600 x 270 x 600	600 x 270 x 800	800 x 600 x 1200	800 x 600 x 1200
Power Supply weight (kg)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	45	55	65	85	100
Shipping weight (less Salt + Storage Tanks) (kg)	30	40	65	70	75	90	99	107	135	165	185	215	260
Approx size shipping crate (less tanks) (l x w x h)	470 x 650 x 600	500 x 650 x 700	1800 x 800 x 500	1800 x 800 x 500	1800 x 800 x 500	1800 x 1000 x 500	1800 x 1000 x 500	1800 x 1100 x 500	1800 x 1100 x 700	1800 x 1300 x 700	1800 x 1400 x 800	1800 x 1600 x 1000	1800 x 1600 x 1000

<b>Max. Volume treated water @ 2 mg/l (litres/day)</b>	<b>300,000</b>	<b>600,000</b>	<b>960,000</b>	<b>1,200,000</b>	<b>1,800,000</b>	<b>2,700,000</b>	<b>4,200,000</b>	<b>5,400,000</b>	<b>8,400,000</b>	<b>12,000,000</b>	<b>16,800,000</b>	<b>24,000,000</b>	<b>36,000,000</b>
<b>Max. Volume treated water @ 5 mg/l (litres/day)</b>	<b>120,000</b>	<b>240,000</b>	<b>384,000</b>	<b>480,000</b>	<b>720,000</b>	<b>1,080,000</b>	<b>1,680,000</b>	<b>2,160,000</b>	<b>3,360,000</b>	<b>4,800,000</b>	<b>6,720,000</b>	<b>9,600,000</b>	<b>14,400,000</b>

- Notes:**
- All models include Air Blower Fan(s) and Air Flow Monitoring with shutdown in the event of fan failure.
  - All models have an LED Control Board and an LCD Display with relay outputs.