

# **Eurostar**

## **MOTORCYCLE BATTERY**



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## LEAD BATTERY PRODUCTS

### NANO-GEL TECHNOLOGY BATTERIES (EMG SERIES)

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#### Features

- Real nano-grade gel electrolyte, superior cranking performance, minimized plate sulphation.
- Exhibits up to four times less self-discharge than conventional wet battery, longer shelf life.
- Offers superior performance with up to twice service life compared to conventional wet battery.
- Gel construction provides superior resistance to vibration.
- Operates in a wide range of temperature with superior performance in extreme temperature environment.
- Approved for shipping as non-hazardous goods, non-spillable even with the case being cracked.
- Operates in all positions.

### AGM SUB-GEL SEALED MAINTENANCE FREE BATTERIES (EMA SERIES)

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#### Features

- Factory activated, ready to use.
- Longer shelf life.
- Special cell structure enables higher cranking performance
- Sub-gel construction provides superior resistance to vibration.
- Operates in a wider range of temperature with superior performance in extreme temperature environment.
- Operates in all positions.



## NANO GEL TECHNOLOGY ,SEALED MAINTENANCE FREE

Model No	Replace Yuasa & Other Suppliers #	Voltage (V)	Capacity 10HR(Ah)	Dimensions(±1mm)				Charge Current (A)	Assembly Figure	Terminal Type	CCA*	CCA/-18
				L	W	H	HL					
EMG6-4-2A	6N4-2A	6	4	71	71	94	94	0.40		—	55	30
EMG6-6-3B	6N6-3B	6	6	98	56	116	116	0.60		5	100	60
EMG6N11A-3A	6N11A-3A	6	11	119	59	128	128	1.10		5	190	120
EMG6N11A-1B	6N11A-1B	6	11	119	59	128	128	1.10		5	190	120
EMG2.5L-C	YB2.5L-C	12	2.5	80	70	105	105	0.25		—	75	30
EMG3L-A	YB3L-A	12	3	98	56	109	109	0.30		5	80	35
EMG4L-B	YB4L-B	12	4	120	71	91	91	0.40		4	115	60
EMG4HL-B-L	YB4L-B	12	5	120	71	91	91	0.50		4	130	70
EMG5-C		12	5	152	50	106	106	0.50		22	170	80
EMG5-3B	YB5L-B	12	5	120	60	128	128	0.50		5	150	80
EMG5-3B-C	YB5L-B	12	5	120	60	128	128	0.50		22	150	80
EMG5.5H-A2-L	12N5.5-4A	12	6.5	135	60	130	130	0.65		4	165	90
EMG6.5HL-A2-L	12N5.5-3A/12N5.5-3B	12	6.5	135	60	130	130	0.65		4	165	90
EMG6.5L	YTX6.5L-BS	12	6.5	139	66	101	101	0.65		5	190	70
EMG7A-3A	YB7BL-B	12	7	149	59	130	130	0.70		5	190	120
EMG7A-3A-C	YB7BL-B	12	7	149	59	130	130	0.70		22	190	120
EMG7A-4A	YB7B-B	12	7	149	59	130	130	0.70		5	190	120
EMG7A-4A-C	YB7B-B	12	7	149	59	130	130	0.70		22	190	120
EMG7A-A2	YB7A-A2	12	7	149	60	130	130	0.70		4	160	100
EMG7C-A	YB7C-A	12	8	129	89	114	114	0.80		1	200	95
EMG7-A	YB7-A/YB7-B	12	8	135	75	133	133	0.80		5	215	120
EMG7-A-C	YB7-A/YB7-B	12	8	135	75	133	133	0.80		9	215	120
EMG7L-A	YB7L-A	12	8	135	75	133	133	0.80		5	215	120
EMG7L-A-C	YB7L-A	12	8	135	75	133	133	0.80		9	215	120
EMG9-3B	YB9L-B/12N9-3B	12	9	135	75	139	139	0.90		5	225	130
EMG9-3B-C	YB9L-B/12N9-3B	12	9	135	75	139	139	0.90		9	225	130
EMG9-4B	YB9-B/12N9-4B-1	12	9	135	75	139	139	0.90		5	225	130
EMG9-4B-C	YB9-B/12N9-4B-1	12	9	135	75	139	139	0.90		9	225	130
EMG10L-A2-C	YB10L-A2/YB10L-B2	12	11	134	88	145	145	1.10		9	325	170
EMG10A-A2-C	YB10A-A2	12	11	134	88	155	155	1.10		9	300	170
EMG10AL-A2-C	YB10AL-A2	12	11	134	88	155	155	1.10		9	300	170
EMG12A-3A1	YB12AL-A	12	12	134	80	161	161	1.20		5	200	145
EMG12A-4A1	YB12A-A/12N12A-4A1	12	12	134	80	161	161	1.20		5	200	145
EMG12A-A2	YB12A-A2	12	12	134	80	161	161	1.20		4	245	170
EMG12C-A	YB12C-A	12	12	134	80	161	175	1.20		4	245	170
EMG12AL-A2	YB12AL-A2	12	12	134	80	161	161	1.20		4	245	170
EMG14-A2-C	YB14-A2	12	14	134	88	166	166	1.40		9	330	230
EMG14-A2-C(B)	YB14-A2	12	14	134	88	166	166	1.40		9	330	230

## NANO GEL TECHNOLOGY ,SEALED MAINTENANCE FREE

Model No	Replace Yuasa & Other Suppliers #	Voltage (V)	Capacity 10HR(Ah)	Dimensions(±1mm)				Charge Current (A)	Assembly Figure	Terminal Type	CCA*	CCA/-18
				L	W	H	HL					
EMG14L-A2	YB14L-2A	12	14	135	89	160	160	1.40		4	335	170
EMG14L-A2-C	YB14L-2A	12	14	134	88	166	166	1.40		9	330	230
EMG14L-A2-C(B)	YB14L-2A	12	14	134	88	166	166	1.40		9	330	230
EMG14A-A2-C	YB14L-2A	12	14	134	88	176	176	1.40		9	295	210
EMG14AL-A2-C	YB14AL-A2	12	14	134	88	176	176	1.40		9	295	210
EMG16AL-A2	YB16AL-A2	12	16	205	70	162	160	1.60		6	260	190
EMG16A-AB	HYB16A-AB	12	16	150	90	180	180	1.60		6	240	145
EMG52113 #	51913	12	21**	183	79	171	171	2.10		3	350	300
EMG30CL-B-C	YB30CL-B	12	30	168	132	192	192	3.00		9	490	335
EMG4A-BS	YTR4A-BS	12	2.5	110	47	85	85	0.25		10	100	35
EMG4B-BS	YT4B-BS/Y T4B-5	12	2.3	113	39	86	86	0.23		11	80	30
EMG4L-BS	YTX4L-BS	12	3	114	70	85	85	0.30		4	110	50
EMG4HL-BS-C	YTX4L-BS	12	5	114	71	86	86	0.50		9	140	60
EMG4L-BS-C	YTX4L-BS	12	4	113	69	85	85	0.40		9	140	60
EMG4L-BS-C(B)	YTX4L-BS	12	4	113	69	85	85	0.40		9	140	60
EMG5L-BS	YTX5L-BS	12	4	114	70	106	106	0.40		4	140	85
EMG5HL-BS-L	YTX5L-BS	12	5.5	114	70	105	105	0.55		4	150	85
EMG5L-BS-C	YTX5L-BS	12	5	113	69	105	105	0.50		9	190	90
EMG7L-BS	YTX7L-BS	12	6	114	70	131	131	0.60		4	175	100
EMG7HL-BS-L	YTX7L-BS	12	7	114	70	130	130	0.70		4	150	95
EMG7L-BS-C	YTX7L-BS	12	7	113	69	130	130	0.70		9	200	120
EMG7L-BS-C(B)	YTX7L-BS	12	7	113	69	130	130	0.70		9	200	120
EMG7A-BS	YTX7A-BS	12	6	151	87	95	95	0.60		4	185	100
EMG7A-BS-C	YTX7A-BS	12	7	150	86	94	94	0.70		9	235	125
EMG9-BS	YTX9-BS	12	8	151	87	105	105	0.80		4	205	110
EMG9-BS-C	YTX9-BS	12	9	150	86	105	105	0.90		9	260	145
EMG9L-BS	YTX9L-BS	12	8	151	87	105	105	0.80		4	205	110
EMG9L-BS-C	YTX9L-BS	12	9	150	86	105	105	0.90		9	260	145
EMG12A-BS	YT12A-BS	12	10	151	87	105	105	1.00		4	175	110
EMG12A-BS-C	YT12A-BS	12	10	151	87	105	105	1.00		9	245	145
EMG12-BS	YTX12-BS	12	10	151	87	131	131	1.00		4	255	120
EMG12-BS-C	YTX12-BS	12	12	150	86	130	130	1.20		9	305	170
EMG12L-BS	YTX12L-BS	12	10	151	87	131	131	1.00		4	255	120
EMG12L-BS-C	YTX12L-BS	12	12	150	86	130	130	1.20		9	305	170
EMG14-BS	YTX14-BS	12	12	151	87	146	146	1.20		4	250	155
EMG14-BS-C	YTX14-BS	12	14	150	86	145	145	1.40		9	315	205
EMG14L-BS	YTX14L-BS	12	12	151	87	146	146	1.20		4	250	155
EMG14L-BS-C	YTX14L-BS	12	14	150	86	145	145	1.40		9	315	205

## NANO GEL TECHNOLOGY, SEALED MAINTENANCE FREE

Model No	Replace Yuasa & Other Suppliers #	Voltage (V)	Capacity 10HR(Ah)	Dimensions(±1mm)				Charge Current (A)	Assembly Figure	Terminal Type	CCA*	CCA/-18
				L	W	H	HL					
EMG15-BS	YTX15-BS	12	14	175	87	130	130	1.40		4	260	215
EMG15L-BS	YTX15L-BS	12	14	175	87	130	130	1.40		4	260	215
EMG16-BS	YTX16-BS	12	14	151	87	161	161	1.40		4	250	170
EMG16-BS-C	YTX16-BS	12	16	150	86	161	161	1.60		9	320	220
EMG16L-BS	YTX16L-BS	12	14	151	87	161	161	1.40		4	250	170
EMG16L-BS-C	YTX16L-BS	12	16	150	86	161	161	1.60		9	320	220
EMG16-BS-1	YTX16-BS-1	12	14	151	87	161	161	1.40		1	245	170
EMG20CH-BS-C	YTX20CH-BS	12	18	151	87	161	161	1.80		9	275	215
EMG18-BS	YTX18-BS	12	20	205	87	162	162	2.00		4	380	275
EMG18L-BS	YTX18L-BS	12	20	205	87	162	162	2.00		4	380	275
EMG19-BS	YB16-B	12	19	175	100	155	155	1.90		4	380	230
EMG19L-BS	YB16L-B	12	19	175	100	155	155	1.90		4	380	230
EMG19CL-BS	YB16CL-B	12	21	175	100	175	175	2.10		4	360	250
EMG20-BS-C	YTX20H-BS	12	20	175	87	155	155	2.00		9	400	300
EMG20L-BS-C	YTX20HL-BS	12	20	175	87	155	155	2.00		9	400	300
EMG20H-BS-C	YTX20H-BS	12	20	175	87	154	154	2.00		9	460	290
EMG20HL-BS-C	YTX20HL-BS	12	20	175	87	154	154	2.00		9	460	290
EMG20H-BS-C(B)	YTX20H-BS	12	20	175	87	154	154	2.00		9	460	290
EMG20HL-BS-C(B)	YTX20HL-BS	12	20	175	87	154	154	2.00		9	460	290
EMG24HL-BS	YTX24HL-BS	12	24	205	87	162	162	2.40		4	400	335
EMG52430	12N24-3/12N24-3A	12	24	178	123	166	166	2.40		3	345	290
EMG52434	12N24-4/12N24-4A	12	24	178	123	166	166	2.40		3	345	290
EMG30-BS		12	30	167	127	176	176	3.00		4	410	360
EMG30L-BS	YX30L-BS	12	30	167	127	176	176	3.00		4	410	360
EMG53030	53030	12	28	178	123	166	166	2.80		3	350	325
EMG53034	53034	12	28	178	123	166	166	2.80		3	390	335
EMG60-N30-BS	Y60-N30-A/Y60-N30-B	12	30	186	130	170	170	3.00		3	500	335
EMG60-N30L-BS	Y60-N30L-A/Y60-N30L-B	12	30	186	130	170	170	3.00		3	500	335
EMG1225	BS1225	12	2.5	112	88	69	69	0.25			50	30
EMG1225L	BS1225L	12	3	223	44	69	69	0.30			50	30
EMGFBT19	FBT19	12	3	112	57	81	81	0.30			55	35
EMGHD1230	HD1230	12	3	112	57	81	81	0.30			55	35
EMG1218	SLA12-18	12	18	181	77	167	167	1.80		15	270	190
EMG1218(TL)	SLA12-18TL	12	18	181	77	167	167	1.80		17	270	190
EMG1218(Y)		12	18	182	77	168	168	1.80		19	280	215
EMG1220(Y)		12	20	181	77	172	172	2.00		19	410	275
EMG1222L	SLA12-22L	12	22	196	130	157	180	2.20		12	265	240
EMG1222R	SLA12-22R	12	22	196	130	157	180	2.20		12	265	240

## NANO GEL TECHNOLOGY, SEALED MAINTENANCE FREE

Model No	Replace Yuasa & Other Suppliers #	Voltage (V)	Capacity 10HR(Ah)	Dimensions(±1mm)				Charge Current (A)	Assembly Figure	Terminal Type	CCA*	CCA/-18
				L	W	H	HL					
EMG1223		12	23	180	87	166	166	2.30		20	420	335
EMG1226		12	30	205	90	172	172	3.00		20	430	360
EMG1232L	SLA12-32L	12	32	196	130	157	180	3.20		12	350	385
EMG1232R	SLA12-32R	12	32	196	130	157	180	3.20		12	350	385
EMG7B-4-C	YT7B-4/YT7B-BS	12	6	150	65	92	92	0.60		9	200	70
EMG9B-4-C	YT9B-BS	12	8	150	69	105	105	0.80		9	210	90
EMG12B-4-C	YT12B-BS	12	10	150	69	130	130	1.00		9	220	125
EMG14B-4-C	YT14B-BS	12	12	150	69	145	145	1.20		9	280	130
EMG3ZS	YTZ5S	12	3	114	70	85	85	0.30		4	110	35
EMG5ZS	YTZ5S	12	4	113	69	85	85	0.40		4	145	65
EMG5ZS-C	YTZ5S	12	4	113	69	85	85	0.40		9	145	65
EMG7ZS	YTZ7S	12	6	113	69	105	105	0.60		4	180	95
EMG7ZS-C	YTZ7S	12	6	113	69	105	105	0.60		9	180	95
EMG10ZS	YTZ10S	12	8.6	151	87	95	95	0.86		4	155	110
EMG10ZS-C	YTZ10S	12	8.6	150	86	94	94	0.86		9	255	145
EMG12ZS	YTZ12S	12	11.2	151	87	110	110	1.12		4	235	140
EMG12ZS-C	YTZ12S	12	11.2	150	86	110	110	1.12		9	250	170
EMG14ZS-C	YTZ14S	12	11.2	150	86	110	110	1.12		9	250	170
EMG15ZS-C		12	15	150	87	144	144	1.50		23	315	205
EMG16ZS-C	GYZ16H	12	16	150	86	145	145	1.60		9	310	240

\*\* : 20 hours rate # : Upgrade from 51913

CCA\* : Cranking value measured by Midtronic tester

## SEALED, FACTORY ACTIVATED MAINTENANCE FREE (AGM)

Model No	Replace Yuasa & Other Suppliers #	Voltage (V)	Capacity 10HR(Ah)	Dimensions(±1mm)				Charge Current (A)	Assembly Figure	Terminal Type	CCA*	CCA/-18
				L	W	H	HL					
EMGS6-4-2A	6N4-2A	6	4	71	71	94	94	0.40		—	50	25
EMGS6-6-3B	6N6-3B	6	6	98	56	116	116	0.60		5	100	50
EMGS6N11A-3A	6N11A-3A	6	11	119	59	128	128	1.10		5	200	100
EMGS6N11A-1B	6N11A-1B	6	11	119	59	128	128	1.10		5	200	100
EMGS6-12B	3-MA-12	6	12	105	77	140	140	1.20		5		
EMGS12-2.5L-C	YB2.5L-C	12	2.5	80	70	105	105	0.25		—	75	25
EMGS12-3L-A	YB3L-A	12	3	98	56	109	109	0.30		5	80	30
EMGS12-4L-B	YB4L-B	12	4	120	71	91	91	0.40		4	130	50
EMGS12-4HL-B-L	YB4L-B	12	5	120	71	91	91	0.50		4	130	50
EMGS12-5-C		12	5	152	50	106	106	0.50		22	170	65
EMGS12-5-3B	YB5L-B	12	5	120	60	128	128	0.50		5	150	65
EMGS12-5-3B-C	YB5L-B	12	5	120	60	128	128	0.50		22	150	65

## SEALED, FACTORY ACTIVATED MAINTENANCE FREE (AGM)

Model No	Replace Yuasa & Other Suppliers #	Voltage (V)	Capacity 10HR(Ah)	Dimensions(±1mm)				Charge Current (A)	Assembly Figure	Terminal Type	CCA*	CCA/-18
				L	W	H	HL					
EMA 12-5.5H-A2-L	12N5.5-4A	12	6.5	135	60	130	130	0.65		4	175	70
EMA 12-5.5HL-A2-L	12N5.5-3A/12N5.5-3B	12	6.5	135	60	130	130	0.65		5	175	70
EMA 12-6.5	YTX6.5-BS	12	6.5	139	66	101	101	0.65		5	190	70
EMA 12-6.5L	YTX6.5L-BS	12	6.5	139	66	101	101	0.65		5	190	70
EMA 12-7A-3A	YB7BL-B	12	7	149	59	130	130	0.70		5	190	95
EMA 12-7A-3A-C	YB7BL-B	12	7	149	59	130	130	0.70		22	190	95
EMA 12-7A-4A	YB7B-B	12	7	149	59	130	130	0.70		5	190	95
EMA 12-7A-4A-C	YB7B-B	12	7	149	59	130	130	0.70		22	190	95
EMA 12-7A-A2	YB7A-A2	12	7	149	60	130	130	0.70		4	160	0
EMA 12-7C-A	YB7C-A	12		129	9	114	114	0.0		1	210	0
EMA 12-7-A	YB7-A/YB7-B	12		135	75	133	133	0.0		5	215	95
EMA 12-7-A-C	YB7-A/YB7-B	12		135	75	133	133	0.0		9	215	95
EMA 12-7L-A	YB7L-A	12		135	75	133	133	0.0		5	215	95
EMA 12-7L-A-C	YB7L-A	12	9	135	75	133	133	0.0		9	215	95
EMA 12-9-3B	YB9L-B/12N9-3B	12	9	135	75	139	139	0.90		5	225	105
EMA 12-9-3B-C	YB9L-B/12N9-3B	12	9	135	75	139	139	0.90		9	225	105
EMA 12-9-4B	YB9-B/12N9-4B-1	12	9	135	75	139	139	0.90		5	225	105
EMA 12-9-4B-C	YB9-B/12N9-4B-1	12	9	135	75	139	139	0.90		9	225	105
EMA 12-10L-A2-C	YB10L-A2/YB10L-B2	12	11	134		145	145	1.10		9	320	140
EMA 12-10A-A2-C	YB10A-A2	12	11	134		155	155	1.10		9	300	140
EMA 12-12A-3A1	YB12AL-A	12	12	134	0	161	161	1.20		5	230	120
EMA 12-12A-4A1	YB12A-A/12N12A-4A1	12	12	134	0	161	161	1.20		5	230	120
EMA 12-12A-A2	YB12A-A2	12	12	134	0	161	161	1.20		4	250	140
EMA 12-12AL-A2	YB12AL-A2	12	12	134	0	161	161	1.20		4	250	140
EMA 12-14-A2-C	YB14-A2	12	14	134		166	166	1.40		9	325	190
EMA 12-14-A2-C(B)	YB14-A2	12	14	134		166	166	1.40		9	325	190
EMA 12-14L-A2-C	YB14L-A2	12	14	134		166	166	1.40		9	325	190
EMA 12-14L-A2-C(B)	YB14A-A2	12	14	134		166	166	1.40		9	325	190
EMA 12-14A-A2-C	YB14A-A2	12	14	134		176	176	1.40		9	310	170
EMA 12-14AL-A2-C	YB14AL-A2	12	14	134		176	176	1.40		9	310	170
EMA 12-16AL-A2	YB16AL-A2	12	16	205	70	162	162	1.60		6	265	160
EMA 12-16A-AB	HYB16A-AB	12	16	150	90	10	10	1.60		6	250	120
EMA 52113#	51913	12	21	13	79	171	171	2.10		3	350	210
EMA 12-30CL-B-C	YB30CL-B	12	30	16	132	192	192	3.00		9	460	20
EMA 12-4A-BS	YT 4A-BS	12	2.5	110	47	5	5	0.25		10	100	30
EMA 12-4B-BS	YT4B-BS/YT4B-5	12	2.3	113	39	6	6	0.23		11	0	30
EMA 12-4L-BS	YTX4L-BS	12	3	114	70	5	5	0.30		4	130	40
EMA 12-4HL-BS-C	YTX4L-BS	12	5	114	71	6	6	0.50		9	140	50

## SEALED, FACTORY ACTIVATED MAINTENANCE FREE (AGM)

Model No	Replace Yuasa & Other Suppliers#	Voltage (V)	Capacity 10HR(Ah)	Dimensions(±1mm)				Charge Current (A)	Assembly Figure	Terminal Type	CCA*	CCA/-18
				L	W	H	HL					
EMA 12-4L-BS-C	YTX4L-BS	12	4	113	69	85	85	0.40		9	135	45
EMA 12-4L-BS-C(B)	YTX4L-BS	12	4	113	69	85	85	0.40		9	135	45
EMA 12-5L-BS	YTX5L-BS	12	4	114	70	106	106	0.40		4	140	60
EMA 12-5HL-BS-L	YTX5L-BS	12	5.5	114	70	105	105	0.55		4	150	65
EMA 12-5L-BS-C	YTX5L-BS	12	5	113	69	105	105	0.50		9	185	75
EMA 12-7L-BS	YTX7L-BS	12	6	114	70	131	131	0.60		4	175	85
EMA 12-7HL-BS-L	YTX7L-BS	12	7	114	70	130	130	0.70		4	130	80
EMA 12-7L-BS-C	YTX7L-BS	12	7	113	69	130	130	0.70		9	195	100
EMA 12-7L-BS-C(B)	YTX7L-BS	12	7	113	69	130	130	0.70		9	195	100
EMA 12-7A-BS	YTX7A-BS	12	6	151	87	95	95	0.60		4	175	85
EMA 12-7A-BS-C	YTX7A-BS	12	7	150	86	94	94	0.70		9	230	105
EMA 12-9-BS	YTX9-BS	12	8	151	87	105	105	0.80		4	190	90
EMA 12-9-BS-C	YTX9-BS	12	9	150	86	105	105	0.90		9	255	120
EMA 12-9L-BS	YTX9L-BS	12	8	151	87	105	105	0.80		4	190	90
EMA 12-9L-BS-C	YTX9L-BS	12	9	150	86	105	105	0.90		9	255	120
EMA 12-12A-BS	YT12A-BS	12	10	151	87	105	105	1.00		4	175	85
EMA 12-12A-BS-C	YT12A-BS	12	10	151	87	105	105	1.00		9	230	120
EMA 12-12-BS	YTX12-BS	12	10	151	87	131	131	1.00		4	255	100
EMA 12-12-BS-C	YTX12-BS	12	12	150	86	130	130	1.20		9	300	140
EMA 12-12L-BS	YTX12L-BS	12	10	151	87	131	131	1.00		4	255	100
EMA 12-12L-BS-C	YTX12L-BS	12	12	150	86	130	130	1.20		9	300	140
EMA 12-14-BS	YTX14-BS	12	12	151	87	146	146	1.20		4	250	120
EMA 12-14-BS-C	YTX14-BS	12	14	150	86	145	145	1.40		9	310	170
EMA 12-14L-BS	YTX14L-BS	12	12	151	87	146	146	1.20		4	250	120
EMA 12-14L-BS-C	YTX14L-BS	12	14	150	86	145	145	1.40		9	310	170
EMA 12-15-BS	YTX15-BS	12	14	175	87	130	130	1.40		4	320	180
EMA 12-15L-BS	YTX15L-BS	12	14	175	87	130	130	1.40		4	320	180
EMA 12-16-BS	YTX16-BS	12	14	151	87	161	161	1.40		4	250	140
EMA 12-16-BS-C	YTX16-BS	12	16	150	86	161	161	1.60		9	315	185
EMA 12-16L-BS	YTX16L-BS	12	14	151	87	161	161	1.40		4	250	140
EMA 12-16L-BS-C	YTX16L-BS	12	16	150	86	161	161	1.60		9	315	185
EMA 12-20CH-BS-C	YTX20CH-BS	12	18	151	87	161	161	1.80		9	295	180
EMA 12-18-BS	YTX18-BS	12	20	205	87	162	162	2.00		4	420	230
EMA 12-18L-BS	YTX18L-BS	12	20	205	87	162	162	2.00		4	420	230
EMA 12-19-BS	YB16-B	12	19	175	100	155	155	1.90		4	400	190
EMA 12-19L-BS	YB16L-B	12	19	175	100	155	155	1.90		4	400	190
EMA 12-19CL-BS	YB16CL-B	12	21	175	100	175	175	2.10		4	400	210
EMA 12-20-BS-C	YTX20H-BS	12	20	175	87	155	155	2.00		9	400	250



## SEALED, FACTORY ACTIVATED MAINTENANCE FREE (AGM)

Model No	Replace Yuasa & Other Suppliers #	Voltage (V)	Capacity 10HR(Ah)	Dimensions(±1mm)				Charge Current (A)	Assembly Figure	Terminal Type	CCA*	CCA/-18
				L	W	H	HL					
EMA 12-20L-BS-C	YTX20HL-BS	12	20	175	87	155	155	2.00		9	400	250
EMA 12-20H-BS-C	YTX20H-BS	12	20	175	87	154	154	2.00		9	460	230
EMA 12-20HL-BS-C	YTX20HL-BS	12	20	175	87	154	154	2.00		9	460	230
EMA 12-20H-BS-C(B)	YTX20H-BS	12	20	175	87	154	154	2.00		9	460	230
EMA 12-20HL-BS-C(B)	YTX20HL-BS	12	20	175	87	154	154	2.00		9	460	230
EMA 12-24HL-BS	YTX24HL-BS	12	24	205	87	162	162	2.40		4	495	300
EMA 52430	12N24-3/12N24-3A	12	24	178	123	166	166	2.40		3	345	240
EMA 52434	12N24-4/12N24-4A	12	24	178	123	166	166	2.40		3	345	240
EMA 12-30-BS		12	30	167	127	176	176	3.00		4	430	300
EMA 12-30L-BS	YTX30L-BS	12	30	167	127	176	176	3.00		4	430	300
EMA 53030	53030	12	28	178	123	166	166	2.80		3	400	280
EMA 53034	53034	12	28	178	123	166	166	2.80		3	400	280
EMA 60-N30L-BS	Y60-N30L-A/Y60-N30L-B	12	30	186	130	170	170	3.00		3	410	300
EMA 1225	BS1225	12	2.5	112	88	69	69	0.25		—	45	25
EMA 1225L	BS1225L	12	3	223	44	69	69	0.30		—	45	25
EMA FBT19	FBT19	12	3	112	57	81	81	0.30		—	55	30
EMA HD1230	HD1230	12	3	112	57	81	81	0.30		—	55	30
EMA 1216	SLA12-18	12	16	181	77	167	167	1.60		15	240	140
EMA 1216(TL)		12	16	181	77	167	167	1.60		17	240	140
EMA 1218	SLA12-18	12	18	181	77	167	167	1.80		15	275	160
EMA 1218(TL)	SLA12-18TL	12	18	181	77	167	167	1.80		17	275	160
EMA 1218(Y)		12	18	182	77	168	168	1.80		19	280	160
EMA 1220L	SLA12-22L	12	20	196	130	157	180	2.00		12	325	180
EMA 1220R	SLA12-22R	12	20	196	130	157	180	2.00		12	325	180
EMA 1220(Y)		12	20	181	77	172	172	2.00		19	410	230
EMA 1222L	SLA12-22L	12	22	196	130	157	180	2.20		12	265	180
EMA 1222R	SLA12-22R	12	22	196	130	157	180	2.20		12	265	180
EMA 1223		12	23	180	87	166	166	2.30		20	420	250
EMA 1226		12	30	205	90	172	172	3.00		20	430	260
EMA 1232L	SLA12-32L	12	32	196	130	157	180	3.20		12	400	300
EMA 1232L		12	28	196	130	157	180	2.80		12	330	300
EMA 1232R	SLA12-32R	12	32	196	130	157	180	3.20		12	400	300
EMA 1232R		12	28	196	130	157	180	2.80		12	330	300
DT7B-4-C	YT7B-4/YT7B-BS	12	6	150	65	92	92	0.60		9	195	85
DT9B-4-C	YT9B-BS	12	8	150	69	105	105	0.80		9	210	100
DT12B-4-C	YT12B-BS	12	10	150	69	130	130	1.00		9	210	105
DT14B-4-C	YT14B-BS	12	12	150	69	145	145	1.20		9	270	135
DTZ3S	YTZ5S	12	3	114	70	85	85	0.30		4	120	30

# EUROSTAR



## Wide application range

- The vast majority of motor vehicles in the world
- Harley BMW energizer motorcycles
- Golf sightseeing bus
- All-terrain vehicles (UTV)
- Snow snowmobiles
- ATV (A TV)
- Jet skis
- The lawn mower

