

TECHNICAL DATA

**ACCESS 32 BATTERY CHARGER**

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT	VALUE	MA2380	MA2420	MA2460	MA3380	MA4300	MA4320	MA4340
Part number	-	MA2340	MA2380	MA2420	MA2460	MA3380	MA4300	MA4320	MA4340
Model	-	ACCESS 32	ACCESS 32	ACCESS 32	ACCESS 32	ACCESS 32	ACCESS 32	ACCESS 32	ACCESS 32
Type	-	24/60	24/80	24/100	24/120	36/80	48/40	48/50	48/60
Output voltage	V	24	24	24	24	36	48	48	48
Output current (at 2,4 Vpc)	A	60	80	100	120	80	40	50	60
<b>MAINS DATA</b>									
Mains phase	-	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase
Mains voltage supply	V	208-240	208-240	208-240	208-240	208-240	208-240	208-240	208-240
Mains current (at min rated mains V)	A	9,3	12,4	15,5	15,9	16,0	12,2	15,2	15,8
Mains current (at max rated mains V)	A	8,0	10,7	13,4	15,3	15,1	10,5	13,2	14,9
Max mains fuse	A	16	16	16	32	32	16	16	32
Mains cable dimensions	mm2	3x1,5	3x1,5	3x1,5	3x1,5	3x1,5	3x1,5	3x1,5	3x1,5
Mains cable length	m	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Mains connector (included)	-	16A Schuko	16A Schuko	16A Schuko	16A Schuko	16A Schuko	16A Schuko	16A Schuko	16A Schuko
<b>BATTERY CONNECTION</b>									
Battery cable	mm2	2x16	2x25	2x35	2x35	2x25	2x10	2x16	2x16
Battery cable length	m	3	3	3	3	3	3	3	3
Battery connector (not included)	-	User defined	User defined	User defined	User defined	User defined	User defined	User defined	User defined
<b>ELECTRIC DATA</b>									
Standby power consumption	W	<10	<10	<10	<10	<10	<10	<10	<10
Power consumption	W	1911	2547	3184	3274	3295	2506	3132	3254
Apparent power consumption	VA	1930	2573	3216	3307	3328	2531	3164	3286
Power factor	-	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99
Inrush current	A	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
Output ripple	% RMS	<1	<1	<1	<1	<1	<1	<1	<1
Efficiency (at rated power and no cables)	%	90	90	90	90	92	92	92	92
<b>PROPERTIES</b>									
Ingress protection	IP	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Ambient temperature range (at full capacity)	°C	-5 to +40	-5 to +40	-5 to +40	-5 to +40	-5 to +40	-5 to +40	-5 to +40	-5 to +40
Ambient max temp (with reduced capacity)	°C	50	50	50	50	50	50	50	50
Cooling	-	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan
Short circuit protection	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	A2	A2	A2	A2	A2	A2	A2	A2
Certifications	-	CE	CE	CE	CE	CE	CE	CE	CE
HMI	-	LED / Display	LED / Display	LED / Display	LED / Display	LED / Display	LED / Display	LED / Display	LED / Display
HMI Language	-	SV / EN / ES / PT	SV / EN / ES / PT	SV / EN / ES / PT	SV / EN / ES / PT	SV / EN / ES / PT	SV / EN / ES / PT	SV / EN / ES / PT	SV / EN / ES / PT
Radio communication	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Charging curve set (specification tab)	-	See website	See website	See website	See website	See website	See website	See website	See website
I/O-cards	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Accessories (accessories tab)	-	See website	See website	See website	See website	See website	See website	See website	See website
<b>CHARGING TIMES (Charging Curve: LK10-18 with Chemical Acid Circulation)</b>									
6 h	Ah C5	344	459	574	689	459	230	287	344
8 h	Ah C5	500	665	833	1000	665	333	416	500
10 h	Ah C5	667	887	1112	1335	887	444	555	667
12 h	Ah C5	800	1064	1334	1602	1064	533	666	800
<b>CHARGER DIMENSIONS</b>									
Charger weight excl. cables	kg	9,5	9,5	9,5	9,5	9,5	9,5	9,5	9,5
Charger weight incl. cables	kg	11,0	11,6	12,2	12,2	11,6	10,6	11,0	11,0
Dimensions	-	See drawing	See drawing	See drawing	See drawing	See drawing	See drawing	See drawing	See drawing
Fixing center points	-	See drawing	See drawing	See drawing	See drawing	See drawing	See drawing	See drawing	See drawing
Min spacing required	mm	300	300	300	300	300	300	300	300
<b>SHIPPING DIMENSIONS</b>									
Box height	mm	200	200	200	200	200	200	200	200
Box width	mm	300	300	300	300	300	300	300	300
Box depth	mm	510	510	510	510	510	510	510	510
Shipping weight	kg	12,1	12,8	13,4	13,4	12,8	11,8	12,1	12,1