

TECHNICAL DATA

ACCESS 30 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD								
VARIABLE	UNIT	VALUE	AD2300	AE2360	AA2380	AA4300	AC2420	AC4340
Part number	-	AA2300	AD2300	AE2360	AA2380	AA4300	AC2420	AC4340
Model	-	ACCESS 30	ACCESS 30	ACCESS 30	ACCESS 30	ACCESS 30	ACCESS 30	ACCESS 30
Type	-	24/40	24/40	24/70	24/80	48/40	24/105	48/60
Output voltage	V	24	24	24	24	48	24	48
Output current (at 2,4 Vpc)	A	40	40	70	80	40	105	60
MAINS DATA								
Mains phase	-	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase
Mains voltage supply	V	195-264	195-264	195-264	195-264	195-264	195-264	195-264
Mains current (at min rated mains V)	A	6,5	6,5	11,4	13,0	13,0	16,0	16,0
Mains current (at max rated mains V)	A	4,8	4,8	8,4	9,6	9,6	12,4	12,4
Max mains fuse	A	10	10	10	10	10	16	16
Mains cable dimensions	mm2	1,0	1,0	1,0	1,0	1,0	1,5	1,5
Mains cable length	m	2,3	2,3	2,3	2,3	2,3	2,3	2,3
Mains connector (included)	-	Schuko 16A	Schuko 16A	Schuko 16A	Schuko 16A	Schuko 16A	Schuko 16A	Schuko 16A
BATTERY CONNECTION								
Battery cable	mm2	10	10	16	16	16	25	16
Battery cable length	m	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
ELECTRIC DATA								
Standby power consumption	W	4	4	4	4	4	4	4
Power consumption	W	1252	1252	2191	2504	2504	3252	3252
Apparent power consumption	VA	1265	1265	2213	2530	2530	3284	3284
Power factor	-	0,99	0,99	0,99	0,99	0,99	0,99	0,99
Inrush current	A	<30	<30	<30	<30	<30	<30	<30
Output ripple	% RMS	<1	<1	<1	<1	<1	<1	<1
Efficiency (at rated power and no cables)	%	92	92	92	92	92	93	93
PROPERTIES								
Ingress protection	IP	IP54 (IP66 optional)	IP54 (IP66 optional)	IP54 (IP66 optional)	IP54 (IP66 optional)	IP54 (IP66 optional)	IP54 (IP66 optional)	IP54 (IP66 optional)
Ambient temperature range (at full capacity)	°C	-35 to +40	-35 to +40	-35 to +40	-35 to +40	-35 to +40	-35 to +40	-35 to +40
Ambient max temp (with reduced capacity)	°C	+55	+55	+55	+55	+55	+55	+55
Cooling	-	Fan	Passive	Passive	Fan	Fan	Fan	Fan
Short circuit protection	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wrong polarity protection	-	Yes	Yes	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	A10	A13	A14	A10	A10	A12	A12
Certifications	-	CE	CE	CE	CE	CE	CE	CE
HMI	-	LED	LED	LED	LED	LED	LED	LED
HMI Language	-	-	-	-	-	-	-	-
Radio communication	-	No	No	No	No	No	No	No
Charging curve set (specification tab)	-	See website	See website	See website	See website	See website	See website	See website
I/O-cards	-	No	No	No	No	No	No	No
Accessories (accessories tab)	-	See website	See website	See website	See website	See website	See website	See website
CHARGING TIMES (Charging Curve: LK10-18 with Chemical Acid Circulation)								
6 h	Ah C5	230	230	401	459	230	574	344
8 h	Ah C5	333	333	583	665	333	833	500
10 h	Ah C5	444	444	790	887	444	1112	667
12 h	Ah C5	533	533	948	1064	533	1334	800
CHARGER DIMENSIONS								
Charger weight excl. cables	kg	4,8	5,4	6,4	5,3	5,3	5,3	5,3
Charger weight incl. cables	kg	5,8	6,4	8,1	7,0	7,0	7,4	7,4
Dimensions	-	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
Min spacing required	mm	300	300	300	300	300	300	300
SHIPPING DIMENSIONS								
Box height	mm	130	130	140	140	140	140	140
Box width	mm	500	500	550	550	550	550	550
Box depth	mm	290	290	280	280	280	280	280
Shipping weight	kg	6,7	6,7	9,0	7,9	7,9	8,3	8,3