

TECHNICAL DATA

ACCESS 100 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT	VALUE									
Part number	-	AS2523	AR2521	AS2524	AS2563	MA2566	AS2623	AS2621	AS3483	AR3481	
Model	-	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	
Type	-	24V/150A	24V/150A	24V/150A	24V/170A	24V/170A	24V/200A	24V/200A	36V/130A	36V/130A	
Output voltage	V	24	24	24	24	24	24	24	36	36	
Output current (at 2,4 Vpc)	A	150	150	150	170	170	200	200	130	130	
MAINS DATA											
Mains phase	-	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	
Mains voltage supply	V	208-240	380-415	440-440	208-240	480-480	208-240	380-415	208-240	380-415	
Mains current (at min rated mains V)	A	14,3	7,8	6,7	16,3	7,0	19,1	10,3	18,2	9,9	
Mains current (at max rated mains V)	A	12,4	7,1	-	14,1	-	16,5	9,5	15,8	9,0	
Max mains fuse	A	16	16	16	32	16	32	16	32	16	
Mains cable dimensions	mm2	4x2,5	4x1,5	4x1,5	4x2,5	4xAWG14	4x4	4x2,5	4x4	4x1,5	
Mains cable length	m	3	3	3	3	3	3	3	3	3	
Mains connector (included)	-	CEE16 (Blue)	CEE16 (Red)	CEE16 (Red)	CEE16 (Blue)	NEMA L16-30P	CEE32 (Blue)	CEE16 (Red)	CEE32 (Blue)	CEE16 (Red)	
BATTERY CONNECTION											
Battery cable	mm2	2x50	2x50	2x50	2x70	2xAWG1/0	2x95	2x95	2x50	2x50	
Battery cable length	m	3	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	User defined	
ELECTRIC DATA											
Standby power consumption	W	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Power consumption	W	4 900	4 846	4 846	5 568	5 507	6 533	6 462	6 246	6 178	
Apparent power consumption	VA	5 158	5 101	5 101	5 862	5 797	6 877	6 802	6 574	6 503	
Power factor	-	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	
Inrush current	A	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	
Output ripple	% RMS	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Efficiency (at rated power and no cables)	%	90	91	91	90	91	90	91	91	92	
PROPERTIES											
Ingress protection	IP	IP20	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	-5 to +40	
Ambient max temp (with reduced capacity)	°C	50	50	50	50	50	50	50	50	50	
Cooling	-	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan	
Short circuit protection	-	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	
Cabinet type	-	A18	A17	A18	A18	A18	A18	A18	A18	A17	
Certifications	-	CE	CE	CE	CE	UL	CE	CE	CE	CE	
HMI	-	LED / Display	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	SV / EN / ES / PT	
Radio communication	-	Yes	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	See website	
I/O-cards	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
Accessories (accessories tab)	-	See website	See website	See website	See website	See website	See website	See website	See website	See website	
CHARING TIME (Charging Curve: LK10-18 with Chemical Acid Circulation)											
6 h	Ah C5	861	861	861	976	976	1149	1149	746	746	
8 h	Ah C5	1250	1250	1250	1415	1415	1665	1665	1083	1083	
10 h	Ah C5	1668	1668	1668	1888	1888	2221	2221	1446	1446	
12 h	Ah C5	2002	2002	2002	2266	2266	2665	2665	1735	1735	
CHARGER DIMENSIONS											
Charger weight excl. cables	kg	16,1	14,3	16,1	16,1	16,1	16,1	16,1	16,1	14,3	
Charger weight incl. cables	kg	20,2	18,2	20,0	22,0	20,4	23,6	23,2	20,7	18,2	
Dimensions	-	See drawing	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	See drawing	
Min spacing required	mm	300	300	300	300	300	300	300	300	300	
SHIPPING DIMENSIONS											
Box height	mm	440	440	440	440	440	440	440	440	440	
Box width	mm	370	370	370	370	370	370	370	370	370	
Box depth	mm	650	530	650	650	650	650	650	650	530	
Shipping weight	kg	22,6	20,8	22,4	24,4	22,8	26,0	25,6	23,1	20,8	

TECHNICAL DATA

ACCESS 100 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT	AS3484	MA3486	AS3523	AR3251	AS3524	MA3526	AS3563	MA3566	AR3621
Part number	-	AS3484	MA3486	AS3523	AR3251	AS3524	MA3526	AS3563	MA3566	AR3621
Model	-	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100
Type	-	36V/130A	36V/130A	36V/150A	36V/150A	36V/150A	36V/150A	36V/170A	36V/170A	36V/200A
Output voltage	V	36	36	36	36	36	36	36	36	36
Output current (at 2,4 Vpc)	A	130	130	150	150	150	150	170	170	200
MAINS DATA										
Mains phase	-	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Mains voltage supply	V	440-440	480-480	208-240	380-415	440-440	480-480	208-240	480-480	380-415
Mains current (at min rated mains V)	A	8,5	7,8	21,1	11,4	9,9	9,0	24,0	10,3	15,2
Mains current (at max rated mains V)	A	-	-	18,3	10,5	-	-	20,8	-	13,9
Max mains fuse	A	16	16	32	16	16	16	32	16	16
Mains cable dimensions	mm2	4x1,5	4xAWG14	4x4	4x2,5	4x1,5	4xAWG14	4x4	4xAWG14	4x2,5
Mains cable length	m	3	3	3	3	3	3	3	3	3
Mains connector (included)	-	CEE16 (Red)	NEMA L16-30P	CEE32 (Blue)	CEE16 (Red)	CEE16 (Red)	NEMA L16-30P	CEE32 (Blue)	NEMA L16-30P	CEE16 (Red)
BATTERY CONNECTION										
Battery cable	mm2	2x50	2XAWG1/0	2x50	2x50	2x50	2XAWG1/0	2x70	2XAWG1/0	2x95
Battery cable length	m	3	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	User defined
ELECTRIC DATA										
Standby power consumption	W	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Power consumption	W	6 178	515	7 220	7 141	7 141	7 141	8 197	8 108	9 522
Apparent power consumption	VA	6 503	542	7 600	7 517	7 517	7 517	8 629	8 535	10 023
Power factor	-	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95
Inrush current	A	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
Output ripple	% RMS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Efficiency (at rated power and no cables)	%	92	92	91	92	92	92	91	92	92
PROPERTIES										
Ingress protection	IP	IP20	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	-5 to +40
Ambient max temp (with reduced capacity)	°C	50	50	50	50	50	50	50	50	50
Cooling	-	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan
Short circuit protection	-	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	A18	A18	A18	A17	A18	A18	A18	A18	A17
Certifications	-	CE	UL	CE	CE	CE	UL	CE	UL	CE
HMI	-	LED / Display	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	SV / EN / ES / PT
Radio communication	-	Yes	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	See website
I/O-cards	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Accessories (accessories tab)	-	See website	See website	See website	See website	See website	See website	See website	See website	See website
CHARGING TIME (Charging Curve: LK10-18 with Chemical Acid Circulation)										
6 h	Ah C5	746	746	861	861	861	861	976	976	1149
8 h	Ah C5	1083	1083	1250	1250	1250	1250	1415	1415	1665
10 h	Ah C5	1446	1446	1668	1668	1668	1668	1888	1888	2221
12 h	Ah C5	1735	1735	2002	2002	2002	2002	2266	2266	2665
CHARGER DIMENSIONS										
Charger weight excl. cables	kg	16,1	16,1	16,1	14,3	16,1	16,1	16,1	16,1	14,3
Charger weight incl. cables	kg	20,0	20,4	20,7	18,4	20,0	20,4	22,4	20,4	21,4
Dimensions	-	See drawing	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	See drawing
Min spacing required	mm	300	300	300	300	300	300	300	300	300
SHIPPING DIMENSIONS										
Box height	mm	440	440	440	440	440	440	440	440	440
Box width	mm	370	370	370	370	370	370	370	370	370
Box depth	mm	650	650	650	530	650	650	650	650	530
Shipping weight	kg	22,4	22,8	23,1	21,0	22,4	22,8	24,8	22,8	24,0

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VARIABLE	UNIT									
Part number	-	AS3634	UA3666	UA3667	AS4423	AR4421	AS4424	MA4426	AS4483	AR4481
Model	-	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100
Type	-	36V/205A	36V/220A	36V/220A	48V/100A	48V/100A	48V/100A	48V/100A	48V/130A	48V/130A
Output voltage	V	36	36	36	48	48	48	48	48	48
Output current (at 2,4 Vpc)	A	205	220	220	100	100	100	100	130	130
MAINS DATA										
Mains phase	-	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Mains voltage supply	V	440-440	480-480	600-600	208-240	380-415	440-440	480-480	208-240	380-415
Mains current (at min rated mains V)	A	13,5	13,3	10,7	18,5	10,0	8,6	7,9	24,0	13,0
Mains current (at max rated mains V)	A	-	-	-	16,0	9,1	-	-	20,8	11,9
Max mains fuse	A	16	16	16	32	16	16	16	32	16
Mains cable dimensions	mm2	4x2,5	4xAWG14	4xAWG14	4x4	4x1,5	4x1,5	4xAWG14	4x4	4x2,5
Mains cable length	m	3	3	3	3	3	3	3	3	3
Mains connector (included)	-	CEE16 (Red)	NEMA L16-30P	NEMA L16-30P	CEE32 (Blue)	CEE16 (Red)	CEE16 (Red)	NEMA L16-30P	CEE32 (Blue)	CEE16 (Red)
BATTERY CONNECTION										
Battery cable	mm2	2x95	2XAWG2/0	2XAWG2/0	2x35	2x35	2x35	2XAWG2	2x50	2x50
Battery cable length	m	3	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	User defined
ELECTRIC DATA										
Standby power consumption	W	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Power consumption	W	9 763	10 488	10 604	6 315	6 247	6 247	6 247	8 231	8 142
Apparent power consumption	VA	10 277	11 040	11 162	6 648	6 576	6 576	6 576	8 664	8 571
Power factor	-	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95
Inrush current	A	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
Output ripple	% RMS	<1	<1	<1	<1	<1	<1	<1	<1	<1
Efficiency (at rated power and no cables)	%	92	92	91	92	93	93	93	92	93
PROPERTIES										
Ingress protection	IP	IP20	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	-5 to +40
Ambient max temp (with reduced capacity)	°C	50	50	50	50	50	50	50	50	50
Cooling	-	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan
Short circuit protection	-	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	A18	A19	A19	A18	A17	A18	A18	A18	A17
Certifications	-	CE	UL	UL	CE	CE	CE	CE	UL	CE
HMI	-	LED / Display	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	SV / EN / ES / PT
Radio communication	-	Yes	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	See website
I/O-cards	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Accessories (accessories tab)	-	See website	See website	See website	See website	See website	See website	See website	See website	See website
CHARGING TIME (Charging Curve: LK10-18 with Chemical Acid Circulation)										
6 h	Ah C5	1178	1263	1263	574	574	574	574	746	746
8 h	Ah C5	1707	1832	1832	833	833	833	833	1083	1083
10 h	Ah C5	2277	2445	2445	1112	1112	1112	1112	1446	1446
12 h	Ah C5	2732	2935	2935	1334	1334	1334	1334	1735	1735
CHARGER DIMENSIONS										
Charger weight excl. cables	kg	16,1	18,6	18,6	16,1	14,3	16,1	16,1	16,1	14,3
Charger weight incl. cables	kg	23,2	23,7	23,7	19,8	17,4	19,2	19,3	20,7	18,4
Dimensions	-	See drawing	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	See drawing
Min spacing required	mm	300	300	300	300	300	300	300	300	300
SHIPPING DIMENSIONS										
Box height	mm	440	440 *	440 *	440	440	440	440	440	440
Box width	mm	370	370 *	370 *	370	370	370	370	370	370
Box depth	mm	650	560 *	560 *	650	530	650	650	650	530
Shipping weight	kg	25,6	26,5	26,5	22,2	19,9	21,6	21,7	23,1	21,0

* Bulk or box (size to be decided) * Bulk or box (size to be decided)

TECHNICAL DATA

ACCESS 100 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT										
Part number	-	AS4484	MA4486	AR4551	AS4554	UA4556	UA4557	AR6341	AS6383	AR6381	
Model	-	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	
Type	-	48V/130A	48V/130A	48V/165A	48V/165A	48V/165A	48V/165A	80V/60A	80V/80A	80V/80A	
Output voltage	V	48	48	48	48	48	48	80	80	80	
Output current (at 2,4 Vpc)	A	130	130	165	165	165	165	60	80	80	
MAINS DATA											
Mains phase	-	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	
Mains voltage supply	V	440-440	480-480	380-415	440-440	480-480	600-600	380-415	208-240	380-415	
Mains current (at min rated mains V)	A	11,2	10,3	16,5	14,3	13,1	10,6	9,9	24,3	13,1	
Mains current (at max rated mains V)	A	-	-	15,1	-	-	-	9,0	21,0	12,0	
Max mains fuse	A	16	16	32	16	16	16	16	32	16	
Mains cable dimensions	mm2	4x2,5	4xAWG14	4x2,5	4x2,5	4xAWG14	4xAWG14	4x1,5	4x4	4x2,5	
Mains cable length	m	3	3	3	3	3	3	3	3	3	
Mains connector (included)	-	CEE16 (Red)	NEMA L16-30P	CEE16 (Red)	CEE16 (Red)	NEMA L16-30P	NEMA L16-30P	CEE16 (Red)	CEE32 (Blue)	CEE16 (Red)	
BATTERY CONNECTION											
Battery cable	mm2	2x50	2XAWG1/0	2x50	2x50	2XAWG1/0	2XAWG1/0	2x16	2x25	2x25	
Battery cable length	m	3	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	User defined	
ELECTRIC DATA											
Standby power consumption	W	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	
Power consumption	W	8 142	8 142	10 336	10 336	10 336	10 449	6 166	8 306	8 218	
Apparent power consumption	VA	8 571	8 571	10 880	10 880	10 880	10 999	6 490	8 743	8 650	
Power factor	-	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	0,95	
Inrush current	A	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	
Output ripple	% RMS	<1	<1	<1	<1	<1	<1	<1	<1	<1	
Efficiency (at rated power and no cables)	%	93	93	93	93	93	92	94	93	94	
PROPERTIES											
Ingress protection	IP	IP20	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	-5 to +40	
Ambient max temp (with reduced capacity)	°C	50	50	50	50	50	50	50	50	50	
Cooling	-	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan	Fan	
Short circuit protection	-	Yes	Yes	No	Yes	Yes	Yes	No	Yes	No	
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	
Cabinet type	-	A18	A18	A17	A18	A19	A19	A17	A18	A17	
Certifications	-	CE	UL	CE	CE	UL	UL	CE	CE	CE	
HMI	-	LED / Display	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	SV / EN / ES / PT	
Radio communication	-	Yes	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	See website	
I/O-cards	-	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
Accessories (accessories tab)	-	See website	See website	See website	See website	See website	See website	See website	See website	See website	
CHARGING TIME (Charging Curve: LK10-18 with Chemical Acid Circulation)											
6 h	Ah C5	746	746	947	947	947	947	344	459	459	
8 h	Ah C5	1083	1083	1374	1616	1656	1778	500	665	665	
10 h	Ah C5	1446	1446	1834	1834	1834	1834	667	887	887	
12 h	Ah C5	1735	1735	2199	2587	2651	2848	800	1064	1064	
CHARGER DIMENSIONS											
Charger weight excl. cables	kg	16,1	16,1	14,3	16,1	18,6	18,6	14,3	16,1	14,3	
Charger weight incl. cables	kg	20,2	20,4	18,4	20,2	22,8	22,8	16,2	19,2	17,0	
Dimensions	-	See drawing	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	See drawing	
Min spacing required	mm	300	300	300	300	300	300	300	300	300	
SHIPPING DIMENSIONS											
Box height	mm	440	440	440	440	440 *	440 *	440	440	440	
Box width	mm	370	370	370	370	370 *	370 *	370	370	370	
Box depth	mm	650	650	530	650	560 *	560 *	530	650	530	
Shipping weight	kg	22,6	22,8	21,0	22,6	25,6	25,6	18,7	21,6	19,6	

* Bulk or box (size to be decided) * Bulk or box (size to be decided)

TECHNICAL DATA

ACCESS 100 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT						
Part number	-	UA6384	MA6386	AR6421	AS6424	UA6426	UA6427
Model	-	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100	ACCESS 100
Type	-	80V/80A	80V/80A	80V/100A	80V/100A	80V/100A	80V/100A
Output voltage	V	80	80	80	80	80	80
Output current (at 2,4 Vpc)	A	80	80	100	100	100	100
MAINS DATA							
Mains phase	-	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Mains voltage supply	V	440-440	480-480	380-415	440-440	480-480	600-600
Mains current (at min rated mains V)	A	11,4	10,4	16,4	14,2	13,0	10,5
Mains current (at max rated mains V)	A	-	-	15,0	-	-	-
Max mains fuse	A	16	16	32	16	16	16
Mains cable dimensions	mm2	4x2,5	4xAWG14	4x2,5	4x2,5	4xAWG14	4xAWG14
Mains cable length	m	3	3	3	3	3	3
Mains connector (included)	-	CEE16 (Red)	NEMA L16-30P	CEE16 (Red)	CEE16 (Red)	NEMA L16-30P	NEMA L16-30P
BATTERY CONNECTION							
Battery cable	mm2	2x25	2XAWG4	2x35	2x35	2xAWG2	2XAWG2
Battery cable length	m	3	3	3	3	3	3
Battery connector (not included)	-	User defined	User defined	User defined	User defined	User defined	User defined
ELECTRIC DATA							
Standby power consumption	W	< 10	< 10	< 10	< 10	< 10	< 10
Power consumption	W	8 218	8 218	10 266	10 266	10 266	10 376
Apparent power consumption	VA	8 650	8 650	10 806	10 806	10 806	10 922
Power factor	-	0,95	0,95	0,95	0,95	0,95	0,95
Inrush current	A	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
Output ripple	% RMS	<1	<1	<1	<1	<1	<1
Efficiency (at rated power and no cables)	%	94	94	94	94	94	93
PROPERTIES							
Ingress protection	IP	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
Ambient max temp (with reduced capacity)	°C	50	50	50	50	50	50
Cooling	-	Fan	Fan	Fan	Fan	Fan	Fan
Short circuit protection	-	Yes	Yes	No	Yes	Yes	Yes
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	A18	A18	A17	A18	A19	A19
Certifications	-	CE	UL	CE	CE	UL	UL
HMI	-	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
Radio communication	-	Yes	Yes	Yes	Yes	Yes	Yes
Charging curve set (specification tab)	-	See website	See website	See website	See website	See website	See website
I/O-cards	-	Optional	Optional	Optional	Optional	Optional	Optional
Accessories (accessories tab)	-	See website	See website	See website	See website	See website	See website
CHARING TIME (Charging Curve: LK10-18 with Chemical Acid Circulation)							
6 h	Ah C5	459	459	574	574	574	574
8 h	Ah C5	665	665	833	833	833	833
10 h	Ah C5	887	887	1112	1112	1112	1112
12 h	Ah C5	1064	1064	1334	1334	1334	1334
CHARGER DIMENSIONS							
Charger weight excl. cables	kg	16,1	16,1	14,3	16,1	18,6	18,6
Charger weight incl. cables	kg	18,8	18,4	17,6	19,4	21,7	21,7
Dimensions	-	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
Min spacing required	mm	300	300	300	300	300	300
SHIPPING DIMENSIONS							
Box height	mm	440	440	440	440	440 *	440 *
Box width	mm	370	370	370	370	370 *	370 *
Box depth	mm	650	650	530	650	560 *	560 *
Shipping weight	kg	21,2	20,8	20,2	21,8	24,5	24,5

* Bulk or box (size to be decided) * Bulk or box (size to be decided)