

TECHNICAL DATA

SHARP 32 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT	VALUE	924242	924246	924334	924338	924430	924432	924434
Part number	-	924238	924242	924246	924334	924338	924430	924432	924434
Model	-	SHARP32	SHARP32	SHARP32	SHARP32	SHARP32	SHARP32	SHARP32	SHARP32
Type	-	24/80	24/100	24/120	36/60	36/80	48/40	48/50	48/60
Output voltage	V	24	24	24	36	36	48	48	48
Output current (at 2,4 Vpc)	A	80	100	120	60	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	12,4	15,5	15,9	13,7	16,0	12,2	15,2	15,8
Mains current (at max rated mains V)	A	10,7	13,4	15,3	11,9	15,1	10,5	13,2	14,9
Max mains fuse	A	16	16	16	16	16	16	16	16
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	2x25	2x35	2x35	2x16	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	2547	3184	3274	2819	3284	2506	3132	3254
Apparent power consumption	VA	2573	3216	3307	2848	3318	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	92	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	-	E3	E3	E3	E3	E3	E3	E3	E3
Certifications	-	CE	CE	CE	CE	CE	CE	CE	CE
HMI	-	LED	LED	LED	LED	LED	LED	LED	LED
HMI Language	-	-	-	-	-	-	-	-	-
Radio communication	-	No	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	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: LK10-04 with Chemical Acid Circulation)</b>									
6 h	Ah C5	408	510	612	306	408	204	255	306
8 h	Ah C5	612	765	918	459	612	306	383	459
10 h	Ah C5	836	1045	1254	627	836	418	523	627
12 h	Ah C5	1064	1330	1596	798	1064	532	665	798
<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	11,6	12,2	12,2	11,0	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	12,8	13,4	13,4	12,1	12,8	11,8	12,1	12,1