

TECHNICAL DATA

SHARP 10 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT	VALUE	924114	924119	924206	924212	924215
Part number	-	924110	924114	924119	924206	924212	924215
Model	-	SHARP 10	SHARP 10	SHARP 10	SHARP 10	SHARP 10	SHARP 10
Type	-	12/7	12/10	12/17	24/4	24/8	24/11
Output voltage	V	12	12	12	24	24	24
Output current (at 2,4 Vpc)	A	7	10	17	4	8	11
MAINS DATA							
Mains phase	-	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase	1 Phase
Mains voltage supply	V	110-230	208-240	208-240	110-230	208-240	208-240
Mains current (at min rated mains V)	A	1,4	0,9	1,4	1,4	1,4	1,8
Mains current (at max rated mains V)	A	1,3	0,8	1,3	1,3	1,3	1,6
Max mains fuse	A	10	10	10	10	10	10
Mains cable dimensions	mm2	3x0,75	3x1	3x1	3x0,75	3x1	3x1
Mains cable length	m	2	2	2	2	2	2
Mains connector (included)	-	16A Schuko	16A Schuko	16A Schuko	16A Schuko	16A Schuko	16A Schuko
BATTERY CONNECTION							
Battery cable	mm2	2x1,5	2x2,5	2x2,5	2x1,5	2x2,5	2x2,5
Battery cable length	m	1,5	1,5	1,5	1,5	1,5	1,5
Battery connector (not included)	-	User defined	User defined	User defined	User defined	User defined	User defined
ELECTRIC DATA							
Standby power consumption	W	0,5	1,0	1,0	0,5	1,0	1,0
Power consumption	W	139	168	262	139	277	337
Apparent power consumption	VA	154	187	291	154	291	374
Power factor	-	0,90	0,90	0,90	0,90	0,95	0,90
Inrush current	A	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
Output ripple current	% RMS	<1	<1	<1	<1	<1	<1
Efficiency (at rated power and no cables)	%	85	87	87	87	90	90
PROPERTIES							
Ingress protection	IP	IP65	IP65	IP65	IP65	IP65	IP65
Ambient temperature range (at full capacity)	°C	-25 to +30	-25 to +30	-25 to +30	-25 to +30	-25 to +30	-25 to +30
Ambient max temp (with reduced capacity)	°C	+55	+55	+55	+55	+55	+55
Cooling	-	Passive	Passive	Passive	Passive	Passive	Passive
Short circuit protection	-	Yes	Yes	Yes	Yes	Yes	Yes
Wrong polarity protection	-	Yes	Yes	Yes	Yes	Yes	Yes
Cabinet type	-	P2	P1	P1	P2	P4	P1
Certifications	-	CE	CE	CE	CE	CE	CE
HMI	-	LED	LED	LED	LED	LED	LED
HMI Language	-	-	-	-	-	-	-
Radio communication	-	No	No	No	No	No	No
Charging curve set (specification tab)	-	See website	See website	See website	See website	See website	See website
I/O-cards	-	No	No	No	No	No	No
Accessories (accessories tab)	-	See website	See website	See website	See website	See website	See website
CHARGING TIMES							
6 h	Ah C5	22	31	52	12	25	34
8 h	Ah C5	29	41	69	16	33	45
10 h	Ah C5	38	55	93	22	44	60
12 h	Ah C5	46	66	112	26	53	72
CHARGER DIMENSIONS							
Charger weight excl. cables	kg	-	-	-	-	-	-
Charger weight incl. cables	kg	0,9	1,6	1,6	0,9	1,6	1,6
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	150	150	150	150	150	150
SHIPPING DIMENSIONS							
Box height	mm	43	48	48	43	48	48
Box width	mm	80	99	99	80	99	99
Box depth	mm	155	193	193	155	199	193
Shipping weight	kg	1,2	2,0	2,0	1,2	2,0	2,0