

TECHNICAL DATA

SHARP 100 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT	VALUE								
Part number	-	SS2523	SR2521	SS2524	SS2563	SS2566	SS2621	SS3483	SR3481	SS3484
Model	-	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100
Type	-	24V/150A	24V/150V	24V/150V	24V/170A	24V/170A	24V/200A	36V/130A	36V/130A	36V/130A
Output voltage	V	24	24	24	24	24	24	36	36	36
Output current (at 2,4 Vpc)	A	150	150	150	170	170	200	130	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	380-415	208-240	380-415	440-440
Mains current (at min rated mains V)	A	14,3	7,8	6,7	16,2	7,0	10,3	18,2	9,9	8,5
Mains current (at max rated mains V)	A	12,4	7,1	-	14,0	-	9,4	15,8	9,0	-
Max mains fuse	A	16	16	16	32	16	16	32	16	16
Mains cable dimensions	mm2	4x2,5	4x1,5	4x1,5	4x2,5	4xAWG14	4x1,5	4x4	4x1,5	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	CEE16 (Red)	CEE32 (Blue)	CEE16 (Red)	CEE16 (Red)
BATTERY CONNECTION										
Battery cable	mm2	2x50	2x50	2x50	2x70	2xAWG1/0	2x95	2x50	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	4900	4846	4846	5536	5507	6418	6246	6178	6178
Apparent power consumption	VA	5158	5101	5101	5828	5797	6755	6574	6503	6503
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	91	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	No	Yes	Yes	Yes	No	Yes	No	Yes
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	S18	S17	S18	S18	S18	S18	S18	S17	S18
Certifications	-	CE	CE	CE	CE	UL	CE	CE	CE	CE
HMI	-	LED	LED	LED	LED	LED	LED	LED	LED	LED
HMI Language	-	-	-	-	-	-	-	-	-	-
Radio communication	-	No	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	See website
I/O-cards	-	No	No	No	No	No	No	No	No	No
Accessories (accessories tab)	-	See website	See website	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	861	861	861	976	976	1149	746	746	746
8 h	Ah C5	1250	1250	1250	1415	1415	1665	1083	1083	1083
10 h	Ah C5	1668	1668	1668	1888	1888	2221	1446	1446	1446
12 h	Ah C5	2002	2002	2002	2266	2266	2665	1735	1735	1735
CHARGER DIMENSIONS										
Charger weight excl. cables	kg	16,1	14,3	16,1	16,1	16,1	16,1	16,1	14,3	16,1
Charger weight incl. cables	kg	20,2	18,2	20,0	22,0	20,4	23,0	20,7	18,2	20,0
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	530	650	650	650	650	650	530	650
Shipping weight	kg	22,6	20,7	22,4	24,4	22,8	25,4	23,1	20,7	22,4

TECHNICAL DATA

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STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT									
Part number	-	SS3523	SR3521	SS3524	SS3526	SS3563	SS3566	SS4423	SR4421	SS4424
Model	-	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100
Type	-	36V/150A	36V/150A	36V/150A	36V/150A	36V/170A	36V/170A	48V/100A	48V/100A	48V/100A
Output voltage	V	36	36	36	36	36	36	48	48	48
Output current (at 2,4 Vpc)	A	150	150	150	150	170	170	100	100	100
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	480-480	208-240	480-480	208-240	380-415	440-440
Mains current (at min rated mains V)	A	21,1	11,4	9,9	9,9	23,9	10,3	18,5	10,0	8,6
Mains current (at max rated mains V)	A	18,3	10,5	-	-	20,7	-	16,0	9,1	-
Max mains fuse	A	32	16	16	16	32	16	32	16	16
Mains cable dimensions	mm2	4x4	4x2,5	4x1,5	4xAWG14	4x4	4xAWG14	4x4	4x1,5	4x1,5
Mains cable length	m	3	3	3	3	3	3	3	3	3
Mains connector (included)	-	CEE32 (Blue)	CEE16 (Red)	CEE16 (Red)	NEMA L16-30P	CEE32 (Blue)	NEMA L16-30P	CEE32 (Blue)	CEE16 (Red)	CEE16 (Red)
BATTERY CONNECTION										
Battery cable	mm2	2x50	2x50	2x50	2xAWG1/0	2x70	2xAWG1/0	2x35	2x35	2x35
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	7220	7141	7141	7141	8166	8108	6315	6247	6247
Apparent power consumption	VA	7600	7517	7517	7517	8595	8535	6648	6576	6576
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)	%	91	92	92	92	91	92	92	93	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	No	Yes	Yes	Yes	Yes	Yes	No	Yes
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	S18	S17	S18	S18	S18	S18	S18	S17	S18
Certifications	-	CE	CE	CE	UL	CE	UL	CE	CE	CE
HMI	-	LED	LED	LED	LED	LED	LED	LED	LED	LED
HMI Language	-	-	-	-	-	-	-	-	-	-
Radio communication	-	No	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	See website
I/O-cards	-	No	No	No	No	No	No	No	No	No
Accessories (accessories tab)	-	See website	See website	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	861	861	861	861	976	976	574	574	574
8 h	Ah C5	1250	1250	1250	1250	1415	1415	833	833	833
10 h	Ah C5	1668	1668	1668	1668	1888	1888	1112	1112	1112
12 h	Ah C5	2002	2002	2002	2002	2266	2266	1334	1334	1334
CHARGER DIMENSIONS										
Charger weight excl. cables	kg	16,1	14,3	16,1	16,1	16,1	16,1	16,1	14,3	16,1
Charger weight incl. cables	kg	20,7	18,4	20,0	20,4	22,4	20,4	19,8	17,3	19,2
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	530	650
Shipping weight	kg	23,1	20,9	22,4	22,8	24,8	22,8	22,2	19,9	21,6

TECHNICAL DATA

SHARP 100 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT									
Part number	-	SS4426	SS4483	SR4481	SS4484	SS4486	SR4551	SS4554	ST4556	SR6301
Model	-	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100
Type	-	48V/100A	48V/130A	48V/130A	48V/130A	48V/130A	48V/165A	48V/165A	48V/165A	80V/40A
Output voltage	V	48	48	48	48	48	48	48	48	80
Output current (at 2,4 Vpc)	A	100	130	130	130	130	165	165	165	40
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	480-480	208-240	380-415	440-440	480-480	380-415	440-440	480-480	380-415
Mains current (at min rated mains V)	A	7,9	24,0	13,0	11,2	10,3	16,5	14,3	13,1	6,6
Mains current (at max rated mains V)	A	-	20,8	11,9	-	-	15,1	-	-	6,0
Max mains fuse	A	16	32	16	16	16	32	16	16	16
Mains cable dimensions	mm2	4xAWG14	4x4	4x2,5	4x2,5	4xAWG14	4x2,5	4x2,5	4xAWG14	4x1,5
Mains cable length	m	3	3	3	3	3	3	3	3	3
Mains connector (included)	-	NEMA L16-30P	CEE32 (Blue)	CEE16 (Red)	CEE16 (Red)	NEMA L16-30P	CEE16 (Red)	CEE16 (Red)	NEMA L16-30P	CEE16 (Red)
BATTERY CONNECTION										
Battery cable	mm2	2xAWG2	2x50	2x50	2x50	2xAWG1/0	2x50	2x50	2xAWG1/0	2x10
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	6247	8213	8124	8124	8124	10336	10336	10336	4113
Apparent power consumption	VA	6576	8645	8552	8552	8552	10880	10880	10880	4330
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	92	93	93	93	93	93	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	No	Yes	Yes	No
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	S18	S18	S17	S18	S18	S17	S18	S19	S17
Certifications	-	UL	CE	CE	CE	UL	CE	CE	UL	CE
HMI	-	LED	LED	LED	LED	LED	LED	LED	LED	LED
HMI Language	-	-	-	-	-	-	-	-	-	-
Radio communication	-	No	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	See website
I/O-cards	-	No	No	No	No	No	No	No	No	No
Accessories (accessories tab)	-	See website	See website	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	574	746	746	746	746	947	947	947	230
8 h	Ah C5	833	1083	1083	1083	1083	1213	1213	1213	333
10 h	Ah C5	1112	1446	1446	1446	1446	1834	1834	1834	444
12 h	Ah C5	1334	1735	1735	1735	1735	1943	1943	1943	533
CHARGER DIMENSIONS										
Charger weight excl. cables	kg	16,1	16,1	14,3	16,1	16,1	14,3	16,1	18,6	14,3
Charger weight incl. cables	kg	19,3	20,7	18,4	20,2	20,4	18,4	20,2	22,8	15,8
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	650	530	650	560 *	530
Shipping weight	kg	21,7	23,1	20,9	22,6	22,8	20,9	22,6	25,6	18,3

* Bulk or box (size to be decided)

TECHNICAL DATA

SHARP 100 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT									
Part number	-	S56304	S56343	SR6341	S56344	S56383	SR6381	S56384	S56386	SR6421
Model	-	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100	SHARP 100
Type	-	80V/40A	80V/60A	80V/60A	80V/60A	80V/80A	80V/80A	80V/80A	80V/80A	80V/100A
Output voltage	V	80	80	80	80	80	80	80	80	80
Output current (at 2,4 Vpc)	A	40	60	60	60	80	80	80	80	100
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	208-240	380-415	440-440	208-240	380-415	440-440	480-480	380-415
Mains current (at min rated mains V)	A	5,7	18,2	9,9	8,5	24,3	13,1	11,4	10,4	16,4
Mains current (at max rated mains V)	A	-	15,8	9,0	-	21,0	12,0	-	-	15,0
Max mains fuse	A	16	32	16	16	32	16	16	16	32
Mains cable dimensions	mm2	4x1,5	4x4	4x1,5	4x1,5	4x4	4x2,5	4x2,5	4xAWG14	4x2,5
Mains cable length	m	3	3	3	3	3	3	3	3	3
Mains connector (included)	-	CEE16 (Red)	CEE32 (Blue)	CEE16 (Red)	CEE16 (Red)	CEE32 (Blue)	CEE16 (Red)	CEE16 (Red)	NEMA L16-30P	CEE16 (Red)
BATTERY CONNECTION										
Battery cable	mm2	2x10	2x16	2x16	2x16	2x25	2x25	2x25	2xAWG4	2x35
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	4113	6232	6166	6166	8306	8218	8218	8218	10266
Apparent power consumption	VA	4330	6560	6490	6490	8743	8650	8650	8650	10806
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)	%	94	93	94	94	93	94	94	94	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	No	Yes	Yes	No
Wrong polarity protection	-	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse	Fuse
Cabinet type	-	S18	S18	S17	S18	S18	S17	S18	S18	S17
Certifications	-	CE	CE	CE	CE	CE	CE	CE	UL	CE
HMI	-	LED	LED	LED	LED	LED	LED	LED	LED	LED
HMI Language	-	-	-	-	-	-	-	-	-	-
Radio communication	-	No	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	See website
I/O-cards	-	No	No	No	No	No	No	No	No	No
Accessories (accessories tab)	-	See website	See website	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	344	344	344	459	459	459	459	574
8 h	Ah C5	333	500	500	500	665	665	665	665	833
10 h	Ah C5	444	667	667	667	887	887	887	887	1112
12 h	Ah C5	533	800	800	800	1064	1064	1064	1064	1334
CHARGER DIMENSIONS										
Charger weight excl. cables	kg	16,1	16,1	14,3	16,1	16,1	14,3	16,1	16,1	14,3
Charger weight incl. cables	kg	17,6	18,6	16,1	17,9	19,2	17,0	18,8	18,4	17,6
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	650	530	650	650	530
Shipping weight	kg	20,0	21,0	18,7	20,3	21,6	19,5	21,2	20,8	20,1

TECHNICAL DATA

SHARP 100 BATTERY CHARGER

STATED DATA ACCORDING TO MICROPOWER STANDARD

VARIABLE	UNIT		
Part number	-	SS6424	ST6426
Model	-	SHARP 100	SHARP 100
Type	-	80V/100A	80V/100A
Output voltage	V	80	80
Output current (at 2,4 Vpc)	A	100	100
MAINS DATA			
Mains phase	-	3 Phase	3 Phase
Mains voltage supply	V	440-440	480-480
Mains current (at min rated mains V)	A	14,2	13,0
Mains current (at max rated mains V)	A	-	-
Max mains fuse	A	16	16
Mains cable dimensions	mm2	4x2,5	4xAWG14
Mains cable length	m	3	3
Mains connector (included)	-	CEE16 (Red)	NEMA L16-30P
BATTERY CONNECTION			
Battery cable	mm2	2x35	2xAWG2
Battery cable length	m	3	3
Battery connector (not included)	-	User defined	User defined
ELECTRIC DATA			
Standby power consumption	W	<10	<10
Power consumption	W	10266	10266
Apparent power consumption	VA	10806	10806
Power factor	-	0,95	0,95
Inrush current	A	Negligible	Negligible
Output ripple	% RMS	<1	<1
Efficiency (at rated power and no cables)	%	94	94
PROPERTIES			
Ingress protection	IP	IP20	IP20
Ambient temperature range (at full capacity)	°C	-5 to +40	-5 to +40
Ambient max temp (with reduced capacity)	°C	50	50
Cooling	-	Fan	Fan
Short circuit protection	-	Yes	Yes
Wrong polarity protection	-	Fuse	Fuse
Cabinet type	-	S18	S19
Certifications	-	CE	UL
HMI	-	LED	LED
HMI Language	-	-	-
Radio communication	-	No	No
Charging curve set (specification tab)	-	See website	See website
I/O-cards	-	No	No
Accessories (accessories tab)	-	See website	See website
CHARGING TIMES (Charging Curve: LK10-18 with Chemical Acid Circulation)			
6 h	Ah C5	574	574
8 h	Ah C5	833	833
10 h	Ah C5	1112	1112
12 h	Ah C5	1334	1334
CHARGER DIMENSIONS			
Charger weight excl. cables	kg	16,1	18,6
Charger weight incl. cables	kg	19,4	21,7
Dimensions	-	See drawing	See drawing
Fixing center points	-	See drawing	See drawing
Min spacing required	mm	300	300
SHIPPING DIMENSIONS			
Box height	mm	440	440 *
Box width	mm	370	370 *
Box depth	mm	650	560 *
Shipping weight	kg	21,8	24,5

* Bulk or box (size to be decided)