

STROMTANK

AUDIO POWER

International specifications

S-2500	S-5000	S-5000HP
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Input AC parameters ON-grid

Input voltage - factory setting	100 Vac / 120Vac / 230 Vac / 240 Vac
Input frequency range	45 to 65 Hz (auto sensing)
Input current max.	16 Aac (transfer relay)
Input current adjusted - factory setting	14 Aac (120Vac), 10 Aac (230Vac)
transfer time	< 15 ms, on grid to off grid

Output AC parameter OFF-grid

Output voltage - factory setting	100-130Vac / 200-245Vac (pure sine wave +/- 2%)		
Output frequency	50 Hz / 60 Hz +/- 0.05% (crystal controlled)		
Harmonic distortion	< 2%		
Continues power @ 25°C	550 VA	750 VA	1.500 VA
Power 30min. @ 25°C	900 VA	1.200 VA	2.400 VA
Peak Power 5 sec.	2.500 VA	2.800 VA	5.600 VA
Maximum load	up to short circuit		
Maximum asymmetric load	up to P cont		
Load detection (Stand by)	10 W		
Cos φ	0.1 – 1		
Maximum efficiency	93% (dc/ac conversion mode)		
Consumption stand-by/on	1.5 W / 8 W		
Overload + short-circuit protection	automatic disconnecting with 3 restart attempts		
Overheat protection	warning before shut-down with automatic restart		
Operating temperature	+10 to 45°C		
Relative Humidity	0 to 85% non- condensing		
Acoustic level	< 35dB		

Battery power unit

Battery type	LFP - Lithium Iron Phosphate (LiFePO4)		
Nominal battery voltage	24 Vdc	48 Vdc	48 Vdc
Nominal capacity	100 Ah		
Volume Energy Density	177 Wh/l		
Gravimetric Power Density	107 Wh/kg		
Typical charge current	8 Adc	9 Adc	10 Adc
Emergency charge current	2 Adc	2 Adc	2 Adc
only with STROMTANK emergency charger			

status 01-2018

We reserve the right to make any modifications to the product without prior notification.

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Battery power unit

Working temperature	0 to 45°C, 32 to 113°F
BMS - Battery Management System	5A active balancing in charging + discharging mode
BMC - Battery Main Controller	main controller and monitor processor
CMC - Cell Management Controller	sensing temperature, current and voltage

Terminal area

AC output receptacles	3x Hubbell duplex, Hospital spec. Grade
	3x Furutech High performance Schuko sockets
AC output fuse	thermal – magnetic circuit breaker
AC input connection	ICE 320 - C14 (fuse 16/10AT)
Interface	3 service ports
Power switch	on/off ("on" = green LED)
Safety key switch for shipping	key switch "Release/Lock" all functions**

Additional Features

Color standard	meteorit (other colors upon request)		
Weight	61 kg / 134 lbs	115 kg / 256 lbs	125 kg / 275 lbs
Dimension (w x h x d)	48 x 45 x 31 cm	48 x 58 x 59 cm	48 x 58 x 59 cm
	19" x 17" x 12"	19" x 23" x 23"	19" x 23" x 23"