

STROMTANK

AUDIO POWER

International specifications

S-1000	S-2500	S-2500 Q	S-5000	S-5000 HP
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Input AC parameters ON-grid

Input voltage - factory set	100 Vac / 120Vac / 230 Vac / 240 Vac			
Input frequency range - factory set	45 to 65 Hz			
Input current adjusted - factory set	8 Aac		10 Aac	
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)				
Output frequency	50 Hz / 60 Hz +/- 0.05% (crystal controlled)				
Harmonic distortion	< 2%				
Continues power @ 25°C	450 VA	550 VA	650 VA	750 VA	1.500 VA
Power 30min. @ 25°C	700 VA	900 VA	1.100 VA	1.200 VA	2.400 VA
Peak Power 3 sec. @ 25°C	1.800 VA	2.300 VA	2.600 VA	2.700 VA	5.200 VA
∅ battery operating time/ average load 400VA	2.5 hours	6 hours	4.5 hours	10 hours	10 hours
Maximum load	up to short circuit				
Maximum asymmetric load	up to P cont.				
Load detection (Stand by)	2.5 W				
Cos φ	0.1 – 1				
Maximum efficiency	93% (dc/ac conversion mode)				
Consumption stand-by / on	1.5 W / 8 W		1.5 W / 8 W		3 W / 16 W
Overload + short-circuit protection	automatic disconnecting with 3 restart attempts				
Overheat protection	warning before shut-down with automatic restart				
Operating temperature	10 °C - 45°C				
Relative Humidity	0 - 85% non-condensing				
Acoustic level	< 29 dB				

Battery power unit

Battery type	LFP - Lithium Iron Phosphate (LiFePO4)				
Nominal battery voltage	24 Vdc	24 Vdc	48 Vdc	48 Vdc	48 Vdc
Nominal capacity	40 Ah	100 Ah	40 Ah	100 Ah	100 Ah
Volume Energy Density	177 Wh/l				
Gravimetric Power Density	107 Wh/kg				
charge current - factory setting	10 Adc	8 Adc	10 Adc	8 Adc	12 Adc

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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	4x ...	3x ... Hubbell duplex, Hospital spec. Grade
	4x ...	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

Finish standard	silver anodized *			meteorit	
Weight	41 kg / 90 lbs	61 kg / 134 lbs	57 kg / 125 lbs	115 kg / 253 lbs	125 kg / 275 lbs
Dimension (w x h x d)	48x22x47 cm	48x31x45 cm	48x31x45 cm	48x58x59 cm	48x58x59 cm
	19" x 9" x 19"	19" x 12" x 17"	19" x 12" x 17"	19" x 23" x 23"	19" x 23" x 23"

Options:

* metallic-black and meteorit front-finish available at additional cost.
Custom finish upon request.