

STROMTANK

AUDIO POWER

International specifications

model	S-1000	S-2500	S-4000	S-5000
		Quantum MK-II	Pro-Power MK-II	High-Power

Input AC parameters ON-grid

Input voltage - factory set	90 - 130 Vac / 200 - 245 Vac			
Input frequency range - factory set	45 to 65 Hz			
Input current adjusted - factory set	16 Aac (120V) / 10Aac (230V)		20 Aac (120V) / 16Aac (230V)	
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	450 VA	650 VA	1.100 VA	1.500 VA
Power 30min. @ 25°C	700 VA	1.100 VA	1.500 VA	2.400 VA
Peak Power @ 25°C	1.800 VA	2.600 VA	3.700 VA	5.200 VA
∅ battery operating time/ average load 400VA (Cos φ=1)	~2.5 hours	~4 hours	~5 hours	~6 hours
Maximum load	up to short circuit			
Maximum asymmetric load	up to P cont.			
Load detection (Stand by)	2.5 W		10 W	
Cos φ	0.1 – 1			
Maximum efficiency	96% (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	< 25 dB			

Battery power unit

Battery type	LFP - Lithium Iron Phosphate (LiFePO4) A-grade			
Nominal battery voltage	27 Vdc	53 Vdc		
Nominal capacity	40 Ah	40 Ah	50Ah / XT: 100 Ah	100 Ah
charge current - factory setting	4 Adc	4 Adc	8 Adc	8 Adc
Working temperature	0 - 45°C, 32 - 113°F			
Battery Management System	single cell control, active balancing 2A			

status 06-2024

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

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Terminal area

AC output receptacles - US	8x ...	6 - 8x ...	8x pure copper / Rhodium plated
AC output receptacles - Schuko	4x ...	4 - 5x ...	4x pure copper/NCF Schuko socket
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 / black anodized *		black anodized *	meteorit
Weight	41 kg / 90 lbs	61 kg / 135 lbs	80 kg / 253 lbs	125 kg / 275 lbs
Dimension (w x h x d)	48 x 22 x 47 cm	48 x 31 x 45 cm	48 x 54 x 59 cm	48 x 58 x 59 cm
	19" x 9" x 19"	19" x 12" x 17"	19" x 22" x 24"	19" x 24" x 24"
Remote control	optional			
12V trigger input	optional			
Digital Distortion Suppression	___	optional	___	___

Options:

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