

# STUDER

## “XTM” Series

### Pure Sine Wave

### Inverter-Charger-Xtender

# AA Solar & SunPowerPlus

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Model					
<b>Inverter</b>					
Nominal battery voltage	12V		24V		48V
Input voltage range	9.5-17VDC		19-34VDC		38-68VDC
Continuous power @ 25°C	1500VA	2000VA		3000VA	3500VA
Power 30 min @ 25°C	1500VA	2000VA	2400VA	3500VA	4000VA
Power 5 sec @ 25°C	3400VA	4800VA	6000VA	9000VA	10500VA
Maximum efficiency	93%		94%		96%
Consumption: - OFF	1.2W	1.2W	1.4W	1.4W	1.8W
- Stand-by	1.4W	1.4W	1.6W	1.6W	2.1W
- ON	8W	10W	9W	12W	14W
Output voltage	Pure sinewave 230VAC ± 2%				
Output frequency	50 Hz ± 0.05% (crystal controlled)				
Overload and short circuit protection	Automatic disconnection with 3 time restart attempt				
Overheat protection	Warning before shut-off with automatic restart				
<b>Battery Charger</b>					
Charge characteristic	6 step: BULK-ABSORPTION-FLOATING-EQUALIZATION -REDUCED FLOATING-PERIODIC ABSORPTION Number of steps, thresholds, end current and times completely adjustable with the RCC-02/-03				
Maximum charging current	70A	100A	55A	90A	50A
<b>General Data</b>					
Input voltage range	150 to 265 VAC				
Input frequency	45 to 65 Hz				
Weight	15kg	18.5kg	16.5kg	21.2kg	22.9kg
Dimension (H x W x L)	133 x 322 x 466 mm				
Operating temperature	-20 to +55°C				
Acoustic level	< 40 dB without ventilation / < 45 dB with ventilation				