

# STUDER

## "XPC" Series

### Pure Sine Wave Inverter-Charger

# AA Solar & SunPowerPlus

70 Forge Road , Silverdale, Auckland



Ph/Fax: 09 427 4040 Ph: 09 427 4143 Mob: 027 490 5901

[www.aasolar.co.nz](http://www.aasolar.co.nz)

[www.sunpowerplus.co.nz](http://www.sunpowerplus.co.nz)

[sales@aaasolar.co.nz](mailto:sales@aaasolar.co.nz)

[sales@sunpowerplus.co.nz](mailto:sales@sunpowerplus.co.nz)

	 XPC1400-12	 XPC2200-24
<b>Model</b>		
<b>Inverter</b>		
Nominal battery voltage	12V	24V
Input voltage range	9.5-16VDC	19-32VDC
Continuous power @ 25°C	1100VA	1600VA
Power 30 min @ 25°C	1400VA	2200VA
Power 5 sec @ 25°C	3300VA	4800VA
Maximum efficiency	94%	95%
Consumption: - OFF	0.5W	0.8W
- Stand-by	0.6W	0.9W
- ON	4W	7W
Output voltage	Sinewave 230VAC (+0% / -10%)	
Output frequency	50Hz ±0.05% (crystal controlled)	
<b>Battery Charger</b>		
Charging current adjustable	0-45A	0.37A
Input AC voltage range	Adjustable threshold from 150 to 230VAC	
Input frequency	45-65Hz	
Absorption time	0 - 4 hours	
Floating voltage	13.6V	27.2V
Equalization time	0 - 4 hours	
Equalization voltage	15.6V	31.2V
Deep-discharge protection	10.8V	21.6V
<b>General Data</b>		
Weight	11.7kg	12.6kg
Dimensions (H x W x L)	124 x 215 x 410 mm	
Operating temperature range	-20°C up to +55°C	
Acoustic level	< 40dB without ventilation / < 45dB with ventilation	