

DC POWER INVERTERS FOR INCON PANEL INSTRUMENTS

INCON panel instruments are designed for **AC power supply only**. They must have 120 or 240 VAC to run. There are many applications where **DC power is preferred**, because station batteries are much more reliable than a 120 VAC power supply from a tap on the transformer. Some users may be unwilling to consider our instruments due to power supply constraints. However, there are DC to AC inverters available that can provide AC power to INCON panel instruments from station batteries.

Certain INCON models require that the AC power output from an inverter be a **TRUE SINE WAVE**. The models 1250 and 1255, which are used with synchro transmitters, rely upon clean AC power to get a stable position signal back from the synchro. This significantly narrows the field of acceptable DC to AC inverters.

The following table lists part numbers of recommended TRUE SINE WAVE inverters:

Company:	Model Number:	Input VDC:	Output:	Approx. Price:
EXELTECH	XP-1-1-1-1	10.6 to 16.5 VDC	117VAC +/-6% 125 Watts,60Hz	\$205
EXELTECH	XP-1-1-2-1	21 to 33 VDC	117VAC +/-6% 125 Watts,60Hz	\$220
EXELTECH	XP-1-1-B-1	28 to 44 VDC	117VAC +/-6% 125 Watts,60Hz	\$250
EXELTECH	XP-1-1-4-1	42.5 to 62 VDC	117VAC +/-6% 125 Watts,60Hz	\$270
EXELTECH	XP-1-1-E-1	58.5 to 91 VDC	117VAC +/-6% 125 Watts,60Hz	Special Order Call for price
EXELTECH	XP-1-1-I-1	95 to 149 VDC	117VAC +/-6% 125 Watts,60Hz	\$310

These inverters are distributed by SC Solar (<http://www.scsolar.com/Exeltech.html>).

To place an order call 866-856-9819. INCON does not stock or sell these inverters.