Introduction

This application note contains AC wiring diagrams for RS2000 Inverter/Chargers that accept both split phase and dual input. Two diagrams apply to RS2000-20B installation and one diagram applies to RS2000D installation.

NOTE: Not all grounding and over-current protection is shown. Consult applicable codes.

** With the two 3-conductor cables method, the neutrals are in parallel. Consult applicable codes for requirements applying to conductors used in parallel, which may allow you to reduce the cable size to No. 8 AWG or No. 10 AWG.

* Circuit breakers for other loads – size and number will depend on electrical requirements.

Fig. 1: Two Input Cable/Two Output Cable Installation, RS2000-20B
Fig. 2: Single Input Cable/Two Output Cable Installation, RS2000-20B
Fig. 3: Single Input Cable/Single Output Cable Installation, RS2000D

Xantrex is a registered trademark of Xantrex International.
© 2005 Xantrex International. All rights reserved.


UNLESS SPECIFICALLY AGREED TO IN WRITING, XANTREX TECHNOLOGY INC. ("XANTREX"):  
(a) MAKES NO WARRANTY AS TO THE ACCURACY, SUFFICIENCY OR SUITABILITY OF ANY TECHNICAL OR OTHER INFORMATION PROVIDED IN ITS MANUALS OR OTHER DOCUMENTATION.
(b) ASSUMES NO RESPONSIBILITY OR LIABILITY FOR LOSS OR DAMAGE, WHETHER DIRECT, INDIRECT, CONSEQUENTIAL OR INCIDENTAL, WHICH MIGHT ARISE OUT OF THE USE OF SUCH INFORMATION. THE USE OF ANY SUCH INFORMATION WILL BE ENTIRELY AT THE USER’S RISK.

Part number: 976-0102-01-01 Rev A

Contact information:
Phone: 1-800-670-0707 (toll-free in North America)
Phone: 1-360-925-5097 (outside North America)
Fax: 1-360-925-5143
Email: customerservice@xantrex.com
Web: www.xantrex.com