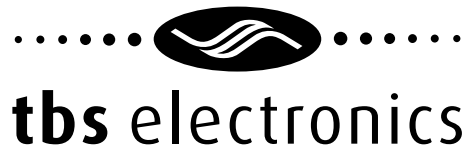


A Powersine DC to AC sinewave inverter is an independent power source just like a generator set. Unlike the mains supply, there is no difference between phase and neutral at inverter outputs. Therefore, a true neutral wire can be made by connecting one of the AC output terminals to the PE (Protective Earth) terminal. The PE terminal must be connected to an existing earth point like a vehicle chassis. The so obtained phase and neutral wires must be fed through a Ground Fault Interruptor for safety reasons.

Note : Please consult your local electrical regulation standards before applying the above wiring diagram!



Rev. : 1.0	Date : 01-01-2004	Drawn by : D.S.
Project : Powersine DC to AC sinewave inverters		
Title : Connecting a GFCI or Earth Leakage Interruptor to inverter outputs		
Filename : TBS GFCI-Inverter connection.cdr		
TBS Electronics BV De Factorij 46 1689 AL Zwaag The Netherlands		Notes :
Scale : 1:1	Format : A4	