

# TRANSWORLD TW1000A

1 KW  
HF LINEAR AMPLIFIER



- 1000 Watts Output PEP & Average
- Broadband 1.6-30MHz
- Continuous Commercial Service
- 28V DC Operation
- Optional AC Power Supplies
- Plug In Power Modules
- Seven Pole Filters
- SITOR ARQ Capability

The TW1000A Linear Amplifier is used with transmitters or transceivers in the 100W class. The drive requirements are approximately 70-80W and the power output is 1000W peak or average. The amplifier uses on-demand cooling fans and is rated for key down continuous operation in all modes of service. The high performance elliptic function filters are switch selected from the front panel or may be remote controlled from the exciter. No tuning adjustments are required and a special circuit detects severe mismatches and turns the amplifier off. The two plug in 500W modules are replaceable from the front panel. Two panel meters monitor the collector currents to each module and immediately detect unbalance or faults. A separate meter measures power output.