



Special Services & Options

- A AC DETECT AND AUTOSWITCH (Off Line UPS)**
If the inverter is equipped with the A option, a source of external AC can be connected to the AC Input connection. As long as the external AC is 'good', (defined as greater than 100 VAC), it will be connected to the AC Output connection by a high current relay. In the event that the external AC browns out or fails completely, the inverter will power up its output and switch it to the AC Output connection in as little as 2 AC cycles. The inverter will continue to run until the battery source is exhausted, or the external AC returns to normal for a minimum of 10 seconds. At this time the external AC will be reconnected to the AC Output connection and the inverter will return to standby.
- B Battery Backup**
1A Chg + Instant ON Battery Backup for Rackmount PWS/VTC Models
- C MIL461F & MIL810G Tested**
Physical tests and reports for MIL461 conducted emissions and MIL810 for vibration and temperature for each individual unit (not a full test protocol but essential tests performed). Must be combined with the M option. (MIL Connectors) (Vibration Protection) (Wide Temp {-40 to +55oC})
- D Paralleling Diodes**
Parallel Multiple PWS or VTC units
- E European ROHS Compliant (Lead Free Manufacture)**
The normal manufacture of Analytic Products is with lead based solder for reliability. Lead Free manufacture may be requested. The printed circuit boards inside the product will be Red color (Red for ROHS).
- F Electric Fork Lift**
Filtering and Surge Suppression
- G GMDSS (Charger c/w Digital Volt/Amp Meter & RCP1-BCA Remote Control)**
A remote control panel may be connected to the inverter using a 9-pin D-connector, which attaches to the front panel of the inverter. The remote control panel and D connector are part of the remote control option. The remote control panel allows the unit to be operated remotely as well as duplicating all the diagnostic indicators and audible alarm.
- H High Output**
VTC120 only
- I MIL461F Tested Option**
Physical tests and reports for MIL461 conducted emissions only. Must be combined with M Option.
- J MIL810G Tested Option**
Physical tests and reports for MIL810 for vibration and temperature only for each individual unit (not a full test protocol but essential tests performed). Must be combined with M option.
- K SYNC CONNECTION**
If the inverter is part of a series pair providing combined 110 and 220 outputs, the inverters will need to be interconnected using the supplied cable. Simply connect the cable into the SYNC port on each inverter and combined operation will automatically be initiated. Wire the two inverters to the distribution panel or loads.

- L NOT ASSIGNED
- M **Military Rugged Package**
(MIL Connectors) (Vibration Protection) (Wide Temp {-40 to +55oC})
- N Encapsulated
- O **Open Frame**
No chassis just heat sink bars
- P **Portable**
Carrying Handle, Rubber Feet
- Q 23" Rackmount Chassis c/w Digital Volt/Ammeter
- R 19" Rackmount Chassis c/w Digital Volt/Ammeter
- S NOT ASSIGNED
- T NOT ASSIGNED
- U Safety Special Inspection (CSA/UL)
- V Integrated Digital Volt/Ammeter
- W IP66 Water Resistant Rated
- X **Heavy Duty Ruggedization**
Additional silicone RTV applied to all heavy components to increase reliability in high shock and vibration environments. (Vibration Protection) (Wide Temp {-40 to +55oC})
- Y IP67 Water Tight Certified
- Z No Conformal Coating

* Options are dependent on product

DESIGNED AND MANUFACTURED BY

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ANALYTIC SYSTEMS
Power Conversion Solutions

Battery Chargers • Inverters • Power Supplies • Voltage Converters

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