



SquireTech Solutions.com



2011 pCom 300 L V2 Power Communications

Trailer System

Squire Tech Solutions' 2011 pCom 300 L V2 Standard Features:

Electronics Enclosure with dedicated 7000 BTU air conditioning, 1500 Watt heating, and humidity control system

Environmentally controlled electronics enclosure design to meet NEMA4X standards: protection from airborne particulates (dust, dirt, debris), external protection from ingress of rain, sleet, snow, splashing water and hose directed water

External all weather rated "patch ports" for communications rack connection without exposing electronics or destabilizing the environmental controls

Electronic enclosure with 40 rack units (RU) and independent vibration isolation and suspension

Secure rear door for access to back of electronics rack, wiring and cabling

Multiple Secure Conduits throughout pCom® trailer system to external ports and application expansion

Integrated instrumentation control panel for operational control and management in secure compartment.

Key control panel features: Generator start/stop/auto switch, run time digital hours meter, gen-set system monitor, compressor switch, mast lift/stow safety switch, AC Breaker Panel and DC Fuse Box

Perkins 10 Kw Diesel Generator single or triple phase 110V/60 Hz. Service available by any authorized Perkins or CAT centers worldwide.

Overhead muffled exhaust to decrease noise impact and avoidance of noxious fumes

Separated external Master Switch power kill (with lock loop for security)

Vibration isolated power system Enclosure with sound dampening and attenuation achieving low noise specification

100 gallon internal fuel tank with driver side access door and lighted outside gauge.

Up to 10 day continuous runtime on single tank of fuel

External power accessible utility power connections with GFI protection

Two 120v/15Amp shore power inputs

Integrated trickle charger for battery bank insuring standby readiness

Standard 30.5' pneumatic tower with internal cable set, pressure regulator, and emergency release valves

Stowed clearance height on trailer under 8' (standard mast)

Mast upgradable to 50' without 'guy wires' required (optional)

Air compressor with oil free design for pneumatics systems including mast tower and external receptacles.

Pneumatic hose quick release attachments in front and rear of pCom trailer system.

High power LED scene lighting on tower with integrated switch on control panel

Large lighted storage bay with secure key lock dual door access

Foam Sound Attenuation on walls, flooring, and ceiling throughout (Generator and Communications enclosures)

Extreme weather prep powder coat with pre-treated zinc anti-rust coating

All Stainless Steel Assemble Bolts

All lights (internal and external) are long life LED with low power consumption

Four integrated Tie down "D" rings

Pintle hitch coupler system; convertible to ball hitch system

Tire rack with matching spare wheel/tire and on board lug wrench.

Hydraulic/Surge braking system without "break box" installation required

Dual Grounding Rod attachment locations

Structurally integrated leveling jacks (4)

Max Gross Trailer weight under 6000 lbs.

Removable Core Trailer Components in case of accidental breakage (entire tongue assembly and all Jack Legs removable)

Base Trailer built of 10 Gauge Steel Decking and 4" Structural Steel Channel

"Rhino Lined" Under Carriage and Base Structural Trailer

Optional "Nycoil" with Radio LMR Cabling and mast top Antenna mounting bar.