

START PAC – POWERALL – EXP BUS



START PAC QUICK CHARGE GROUND POWER UNIT

The GPU is rated at 3200 peak starting amps and a continuous -50 / -105 / -200 / -300 / -400 Amp DC output when connected to a 110 Volt or 220 Volt AC source (voltage must be specified when order is placed) • The Li3328QC weighs approximately 120 lbs. and is pulled by hand or tug. Locking the handle in an upright position sets the GPU brake • The environmentally friendly durable low VOC powder coating helps to make this unit weather resistant and the recyclable non-toxic lithium batteries can be easily and safely returned to the Earth without any detrimental environmental repercussions.

Volts	Amps	Part No.	Price	Volts	Amps	Part No.	Price
28	50	11-17732	\$5,961.11	28	300	11-17735	\$7,988.89
28	105	11-17733	\$6,455.56	28	400	11-17736	\$8,800.00
28	200	11-17734	\$7,277.78				



START PAC QUICK CHARGE GROUND POWER UNIT

The GPU is rated at 3200 peak starting amps and a continuous -50 / -105 / -200 / -300 / -400 Amp DC output when connected to a 220 Volt AC source • The Li3326QC weighs approximately 120 lbs. and is pulled by hand or tug • Locking the handle in an upright position sets the GPU brake • The environmentally friendly durable low VOC powder coating helps to make this unit weather resistant and the recyclable non-toxic lithium batteries can be easily and safely returned to the Earth without any detrimental environmental repercussions.

Volts	Amps	Part No.	Price	Volts	Amps	Part No.	Price
26	50	11-17727	\$5,961.11	26	300	11-17730	\$7,988.89
26	105	11-17728	\$6,455.56	26	400	11-17731	\$8,800.00
26	200	11-17729	\$7,277.78				

POWERALL PORTABLE GROUND POWER UNIT

Portable power for hangar and ramp operations ranging from 25 to 50 Amp Continuous Power with up to 2400 Peak Amps for Starting. Multi-Purpose and Powerful, the PA-4500 and PA-4500-100 are designed for optimum versatility providing constant, reliable power and up to 4500 Peak Amps for starting and maintaining a large variety of Turbine Powered Aircraft and Helicopters. This powerful dual unit is the appropriate choice for large turboprops, mid-size turboprop-powered aircraft, and large helicopters. The PA-4500 is actually 2 PA-2400 units coupled together in parallel delivering up to 4500 Peak Amps for starting aircraft and helicopters with a higher amperage draw such as the Raytheon HS-125-800XP, Westwind, Brasilia 120, Lear 40 series, Jetstream 30 Series aircraft, and Agusta Westwind AW139 and Sikorski S76 Series Helicopters. The PA-4500 can be split apart by removing the supplied coupler, offering the option of 2 PA-2400 GPU's for work on multiple aircraft requiring up to 2400 Peak amps for starting and 25 continuous amps for maintenance functions. An additional DC Cable and optional Cart is required for this configuration. Two PA-2400-50 GPU's coupled together in this configuration will supply up to 4500 Peak Amps for starting and up to 100 Continuous Amps for aircraft maintenance functions. The same option to split this unit as the PA-4500 is available, supplying two PA-2400-50 GPU's with the addition of an extra DC Cable and optional Cart. 50 AmpsP/N 11-17898\$8,283.75
100 AmpsP/N 11-17899\$9,932.81

POWERALL PORTABLE GROUND POWER UNIT

The PA-2400 has been used in the field to start the following fixed-wing aircraft and helicopters: All Beechcraft King Air Models, Beechcraft 1900 Series, Cessna Caravan 208, Citation 500 and 550 Series, Embraer Bandeirante 110, Piper Cheyenne Series, and Lear 20 Series. All Boeing/McDonnell Douglas Series helicopters, Agusta Series, Bell 205, 206, 407, 222, 230, 430 Series, Airbus Helicopters AS 350, EC120, BO105 and BK117 Series. The PA-2400-50 portable GPU has all the capabilities as the PA-2400, delivering up to 2400 Peak Amps for starting a wide variety of aircraft while providing up to 50 Continuous Amps for maintenance and pre-flight operations. This unit offers the same light-weight compact versatility as the PA-2400 and can be easily stowed in the aircraft luggage compartment when necessary. The PA-2400-50 is the optimum choice for Turbo Prop Aircraft and Turbine Helicopters with EFIS such as the Pilatus PC12, King Air Series, Eclipse 500, Bell 407, Airbus Helicopters EC135 and 145 helicopters and most light turbine helicopters, turboprops, and VLJ's with EFIS
25 AmpsP/N 11-17897\$4,496.25
50 AmpsP/N 11-16658\$5,495.00



USB PANEL POWER ADAPTER

CRAZEDpilot USB Panel Mount provides a simple and convenient mounting option for dual USB power adapter with easy access and integrated dust seal. Can be driven with 6-30v input power source, so works great in either 12v or 24v aircraft!P/N 11-14866\$19.85

POWERALL TW60 ENGINE WASH SYSTEM



PowerAll Systems manufactures two options of the TEWS products, the TW60 and the TW60AT. Both units are with hard-line plumbing and bulkhead fittings for durability and come with two, five-gallon fluid tanks and 25 ft. of hose. Fluid can be diverted from either tank, Solution or Water, with a valve on the faceplate of the unit. A pressure regulator and gauge allow for pressures ranging from 0-60 PSI which allows for use with a variety of aircraft engine manufacturers whose maintenance specifications for compressor and turbine wheel washes fall within these parameters. The TW60 utilizes shop air as its source. It is widely considered within the aircraft maintenance industry that regular engine washes greatly improve engine efficiency, reduce fuel consumption and extend engine life. The TW60 and TW60AT Turbine Engine Wash Systems (TEWS) are designed for use in the hangar or on the ramp.

TW-60 - Uses Shop Air as its Source..... P/N 11-17900\$4,044.38

TW-60AT - Uses On-Board 5 Gal Compressed Air Tank / Shop Air P/N 11-16659\$4,585.00

EXP BUS PRODUCTS



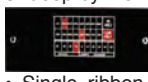
EXP TRAY EX-110- he EXP BUS mounting tray is the ultimate in quick build time savings. The tray comes Pre-punched, and pre-assembled with rocker switches prewired to the PC board. All the builder needs to do is

to cut a single rectangular hole in the panel, connect the battery, alternator, and all of the load wires to the proper terminals on the EXP BUS2 PC board mounted in the chassis. 14V DC systems (not recommended for 28V aircraft). Replaces all but one circuit breaker in most homebuilt aircraft, and includes the master switch, master relay, and the avionics master switch. The avionics output bus provides six protected circuits, and automatically shuts off when the starter is engaged. Three master bus outputs operate items such as panel lights, gyros and engine instruments. Switched outputs include the alternator field, Beacon/Strobe output, nav light output, aux fuel pump output, two landing light outputs, and two spares. All outputs are overload protected, eliminating the need for fuses or circuit breakers, and saving the labor of installing and wiring them up.

P/N 11-00430\$419.95



EXP 2V - he Expbus II is a lifesaver when wiring up your homebuilt project. The EXPBUS II is a complete electrical system on a special high current, printed circuit board. 14V DC systems (not recommended for 28V aircraft) For a small additional charge, we can configure your board with any size (1 to 11 amps) breakers in any position. Size: 7.8" long by 3" deep by 1.9" tall. Weight 0.8 lbsP/N 11-00431\$299.00



IND 2 - Annunciators for each solid state breaker on the EXP BUS • Over and undervoltage warning lights • Ammeter display • Instrument light dimmer circuit • Single ribbon cable installation to EXP Bus. The Indicator module is an accessory for the EXP BUS DC LOAD CENTER. This optional accessory provides several enhancements to the basic load center, all mounted in a small panel mount module, 4.6 inches long, and 2 inches wide. The module extends 2 inches in depth, behind the panel. The module provides an annunciator output for each fused output on the LOAD CENTER, which illuminates if the circuit is tripped. It also provides OVER and UNDER VOLTAGE annunciators, an AMP-METER indicator, and a light dimmer circuit for the instrument lights..P/N 11-00432.....\$134.95

BRKT 2 - Mounting brackets to simplify mounting the PC board in the aircraft. Put things where you want them to be. Free Shipping on this item P/N 11-00433\$21.95



EXP 110 Tray unlit x/ Battery Back up.
P/N 11-08430\$469.95

B&C HIGH/LOW VOLTAGE WARNING INDICATOR



The BC207 is a solid-state high/low voltage sensor which mounts behind the instrument panel, and provides a visual indication of abnormal bus voltage via an included panel-mounted warning light. When flashing, this light indicates bus voltage greater than 15.5 volts D.C. (or 31.0 volts D.C.); when steady, it indicates bus voltage below 12.5 volts D.C. (or 25.0 volts D.C.). **Weight:** 4.5 oz. Select the appropriate sensor below according to battery voltage.
BC207-1 OV/LV Sensor (14 volt).....P/N 07-06830\$105.75
BC207-2 OV/LV Sensor (28 volt).....P/N 07-03435\$89.95



KEY WEST REGULATOR

Advanced regulator/rectifier circuit provides steady 13.8 volt output regardless of load. Maximum output 220 watts, 16 amps. Accepts AC input from 15 to 100 volts. Can be used with AC strobe. **Features:** • Extremely clean filtered DC output • Electronics designed to deliver 16 amps producing 220 watts • Efficiency: No "consumer" or "dummy" load required for proper operation • A beautiful and rugged lightweight package weighs just 16 ounces and is 3.5 x 2.5 x 1 inch • Protection from the environment: complete epoxy encapsulation to insure all-season operation • Ease of installation: crimp type ring terminals and wiring schematics provided with every unit.....P/N 11-03168\$66.75