

START PAC® STARTERS - POWER SUPPLIES

STARTPAC PRO UNIT FOR 28V AIRCRAFT



The Start Pac PRO is a very portable unit that is designed to be used as a safe and reliable jump-starting solution when aircraft batteries fail or are too weak to provide a satisfactory engine start.

This lightweight solution is unique in that it addresses the requirements across both civil, commercial and military markets. The Start Pac PRO Jump Starting System can be used for helicopters and fixed wing aircraft as well as military UAVs. The Start Pac PRO comes standard as a complete set with a patent pending aircraft cable adaptor kit, proprietary charger and carrying caseP/N 11-17718\$2,644.00

START PAC® PORTABLE STARTING UNIT - 26V 2326QC



All In One Air portable/carry-on START PAC® with built in chargers, power plug and cables. This 26 Volt unit is designed for voltage sensitive aircraft that cannot accept a true 28V external starter. This Start Pac will provide a faster and cooler engine start than most ship's aircraft batteries, thus

extending turbine life which helps to lower operating costs. The 2326QC has dual redundant chargers with a total of 7 amps output with a recharge time of approximately 2-4 hours after having been depleted from multiple engine starts. Certain aircraft will allow the ship's generator to back charge a GPU. In this manner, Start Pac® can be recharged in the field without an AC source indefinitely. **Note:** When storing the Start Pac® for more than 30 days, remove the battery box from the charging unit and store separately.

P/N 11-17715..... \$2,955.00

START PAC® GROUND POWER SUPPLY & STARTING UNIT - 26V 3326 SPECIAL

These StartPac GPUs are designed for ground use to perform repeated engine starting functions. When connected to AC power, the depleted batteries can be charged in four hours with the built-in battery chargers. This turbine starting unit is designed to provide repeated superior starting power for voltage sensitive turbine engines. The Model 3326 SpecialGPU is designed for repeated engine starting requirements on voltage sensitive aircraft.....P/N 13-22425



\$5,745.00

START PAC® TWIN PAC 2326QC - 26V

This powerful portable 26 volt aircraft starter unit is a full 26VDC battery Twin Pac and will provide superior starts on all electrically-started turbine engines. This versatile Twin Pac can be used as a single unit or separated for two complete units that can be easily carried on board different aircraft. The 2326QC Twin Pac has redundant chargers with a total of 14 amps output and a recharge time of approximately four hours from being depleted. Note: This unit is designed for engine starting only. Note: When storing the Start Pac® for more than 30 days, remove the battery box from the charging unit and store separatelyP/N 11-17716

\$5,773.00

START PAC® TWIN PAC PORTABLE STARTING UNIT - 24V 2300QC

This 24V All-In-One air portable/carry-on START PAC® with built-in chargers, power plug and cables is ideal for starting aircraft, tank, and military truck engines. It is designed for engine starting only. This portable starting unit is one of our most popular starters for use at home base and in the field. It will start turbine, or piston engines up to 1500 horsepower. This versatile 24 volt Twin P a c can be used as a single unit or separated for two complete units that can be easily carried on board different aircraft. It is equipped with universal chargers that will accept 90-240 VAC at 50/60 hertz with a recharge time of less than 3.5 hoursP/N 11-17714

\$5,088.00

START PAC® MICRO® HANDHELD 12V AIRCRAFT ENGINE STARTER



Handheld 12v DC Aircraft Engine Starter. Not only can the START PAC MICRO® be used for all 12V aviation applications (helicopters and fixed wings), but it will also jump start any type of engine running on 12V. This unit is specifically designed for engine starting only. This unit is the sturdiest 12V lead acid jump starter on the market, capable of starting either piston aircraft or experimental aircraft. Small, powerful and light weight, it will allow you to start your engines swiftly, preventing any downtime. The environmentally responsible, low VOC powder coating protects the case from wear and poor weather conditions.P/N 11-17855

\$1,095.00

START PAC® RANGER - 26V

START PAC is offering the "Ranger™" as a more economical alternative to the Patent Pending Self-Propelled "Hi-Brd 3", which provides 300Amps of continuous power for powering aircraft systems along with 3200 peak amps for starting. The Ranger™ is the only diesel powered GPU on the market to utilize Start Pac's signature, state of the art safe batteries for aircraft engine starting. It comes in at a lower weight and price than that of the "Hi-Brd 3" making it one of the smallest, quietest, most advanced, and most affordable GPU's on the market. The "Ranger™" is equipped with a diesel engine (2 Cylinder, 14hp) that will allow the GPU to provide 150Amps of continuous power for running aircraft systems, along with 2400 peak amps for engine starting provided by the on board batteries. These batteries are sealed, contain no liquid, and will outlast standard lead acid batteries by a factor of two to three. They also do not suffer from any sulfation issues that will cause the batteries to fail prematurely from being left sitting in a discharged state.P/N 11-17738 ...\$26,976.00

START PAC® SELF-PROPELLED DIESEL ELECTRIC HI-BRD™ 4



The Self-Propelled Hi-Brd 4 GPU is ideal for operations that do not always have access to a tug but need to have the ability to easily walk the unit to the aircraft out on the ramp. The unique self-propelled feature makes this eco-friendly 28 volt ground power unit simple and easy to maneuver on the ramp for shorter distances and yet can be towable for longer distances. The 28 volt Start Pac Hi-Brd 4 GPU is one of a select few GPU units that meets current Tier IV EPA emissions standards. This compact economical 28 volt hybrid ground power unit consumes up to 75% less fuel than traditional equipment and runs much more quietly and efficiently. The simple easy to use key ignition allows for fast on the job training and operation. The unit comes standard with our patent pending 26 volt battery technology that read 28 volts when fully charged with a lead acid option if preferred P/N 11-17739\$39,136.00

START PAC QUICK CHARGE GROUND POWER UNIT 26 VOLTS - 3326QC



The 3326QC -50 / -105 / -200 / -300 / -400 are a full 26 Volt starting unit that will give faster, cooler starts on voltage sensitive turbine engines. When plugged into 110 VAC or 220 VAC, the -50 / -105 / -200 / -300 / -400 Amp power supply is large enough to power

various systems such as inverters, avionics and GPS. Always recharge immediately after use to achieve maximum battery life. Once charged, leave the unit plugged in. Avoid fully discharging the batteries as damage to the cells may result. To recharge the unit, simply plug it into an AC wall power outlet and leave it plugged in when not in use. The high tech proprietary chargers will maintain 100% battery charge without over charging the batteries.

Volts	Amps	Part Number	Price
26 Volt DC- 27.6 Volts	50	11-17722	\$5,925.00
26 Volt DC- 27.6 Volts	105	11-17723	\$6,659.00
26 Volt DC- 27.6 Volts	200	11-17724	\$7,554.00
26 Volt DC- 27.6 Volts	300	11-17725	\$8,101.00
26 Volt DC- 27.6 Volts	400	11-17726	\$8,754.00

START PAC® GPU 3324XL SPECIAL - 72V



This Start Pac GPU is designed for ground use to perform repeated engine starting functions on the ramp. The 3324XL Special unit is designed for electrically started standard and voltage sensitive turbine engines. Due to the size of the battery bank in this Start Pac engine starting unit, when the unit is depleted, recharge time may be as long as 7-9 hours. **Note:** Unit comes with two front wheels for added safety on non-truck mount version.

P/N 11-17737\$8,268.00

START PAC GPU 3326XL SPECIAL - 26V



This Start Pac GPU is designed for ground use to perform repeated engine starting functions on the ramp. The 3326XL Special unit is designed for electrically started standard and voltage sensitive turbine engines. Due to the size of the battery bank in this Start Pac engine starting unit, when the unit is depleted, recharge time may be as long as 7-9 hours. **Note:** Unit comes with two front wheels for added safety on non-truck mount version.

P/N 11-17857\$8,766.00