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START PAC® FEATURES

1. Provides 24 or 28 Volt Power, which is very high amperage for starting aircraft and serves as an auxiliary power unit (APU) for aircraft maintenance.
2. Weather and water-resistant, Start Pac products tolerate COLD temperatures better than older lead-acid or old Nickel-Cadmium (Ni-Cad) batteries.
3. Start Pacs® contain recombinant lead-acid NON-HAZARDOUS rated batteries, so there is no acid or gas to escape. Thus, our products can be shipped anywhere via ground or airfreight. Gas recombination technology allows gas produced during charging to be absorbed by the battery's electrolyte, eliminating the need for our batteries to be vented like other lead-acid batteries.
4. Our batteries are lead alloy with starved plate technology made specifically for these units. There is a sponge like material between the plates absorbing and holding the electrolyte, preventing any hazardous gas leakage, even if the Start Pac® were to be cut in half or severely damaged. This level of technology enables the Start Pacs® to hold their charge for up to 1 year on the shelf. Older lead acid and other batteries quickly degrade by comparison.
5. The Start Pac® product line is virtually maintenance free. The batteries are replaceable at approximately one-fourth the cost of a new Start Pac®. If not completely discharged, our units are capable of up to 1200 cycles. If the batteries are totally depleted after every use, then one can expect 300-400 charging cycles.
6. Very low internal resistance, high amperage output, batteries use commercial grade connectors and parts. Strong rugged design, lightweight aluminum case, environment friendly powder coating. Heavy-duty, extra flexible power cord. Standard length 6 ft. but can be up to 10 ft. as special order.
7. Units are self contained, come complete with power cord and built-in charger.
8. Chargers are available in 110 Volt, 220 Volt, and international voltages. When the battery is fully charged, the chargers switch to a float mode.
9. Units should be left plugged in at all times when not in use. If the charger senses the charge is less than 100%, it will begin recharging the battery until fully charged, then revert back to float mode.
10. Recharge Times:

Model 1324-1QC	3.5 hours
Model 1324-2QC	3.5 hours
Model 1628QC	3.5 hours
Model 2300QC	4 hours
Model 6028QC	4.5 hours
11. Unit will work in any position, at any altitude.
12. Model 1324-1QC is recommended for aircraft with engines up to 500 horse power and Model 1324-2QC is recommended for engines up to 800 horse power, such as MD 500, Bell 206-407, Beech King Air, etc. Model

2300QC and Model 6028QC are recommended for aircraft over 700 HP and will start most business jets.

For technical support, contact the Start Pac® engineer, Mr. Jim Wurth at jim@startpac.com.

ONE (1) YEAR WARRANTY on parts and labor, from delivery to end customer.

START PAC® OPERATING INSTRUCTIONS

1. CAUTION Always plug in a Start Pac® shortly after being used; therefore the Start Pac® should be plugged in at all times when not in use. If left in an uncharged state over a period time, the battery life and capacity will be greatly reduced.
2. In addition, the Start Pac® can also be operated while plugged.
3. When batteries are fully charged, Start Pac® has a one-year shelf life retaining over 90% of its charge. However, for Quick Change Models, if stored for extended periods of time for 1 month or longer, disconnect the QC top from the battery box to better preserve the battery life.
4. Cold temperatures will affect any battery performance. Whenever possible, keep your Start Pac® in a room temperature environment for best results.

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