

# 42i SERIES

Alternators



## DEPENDABLE, HIGH-POWER SOLUTIONS

APS 42i Series alternators provide stable, 12- and 24-volt output current to power the on-vehicle equipment you need to get the job done.

Commonly used with marine applications, or in the secondary bracket position for standard vehicles, APS 42i Series alternators also can provide a flexible, lightweight solution for direct replacement on large trucks, buses and other large vehicles.

## KEY FEATURES

- More compact and lightweight than other large-case alternators
- High efficiency: Consumes less fuel and requires less power from the engine
- Dual internal fans maximize airflow and cooling
- Internal/external regulator interface

## UNIQUE CAPABILITIES

- Ability to parallel more than one alternator for additional clean, regulated DC power
- Rugged design intended to meet military standards



# 42i Series Alternators

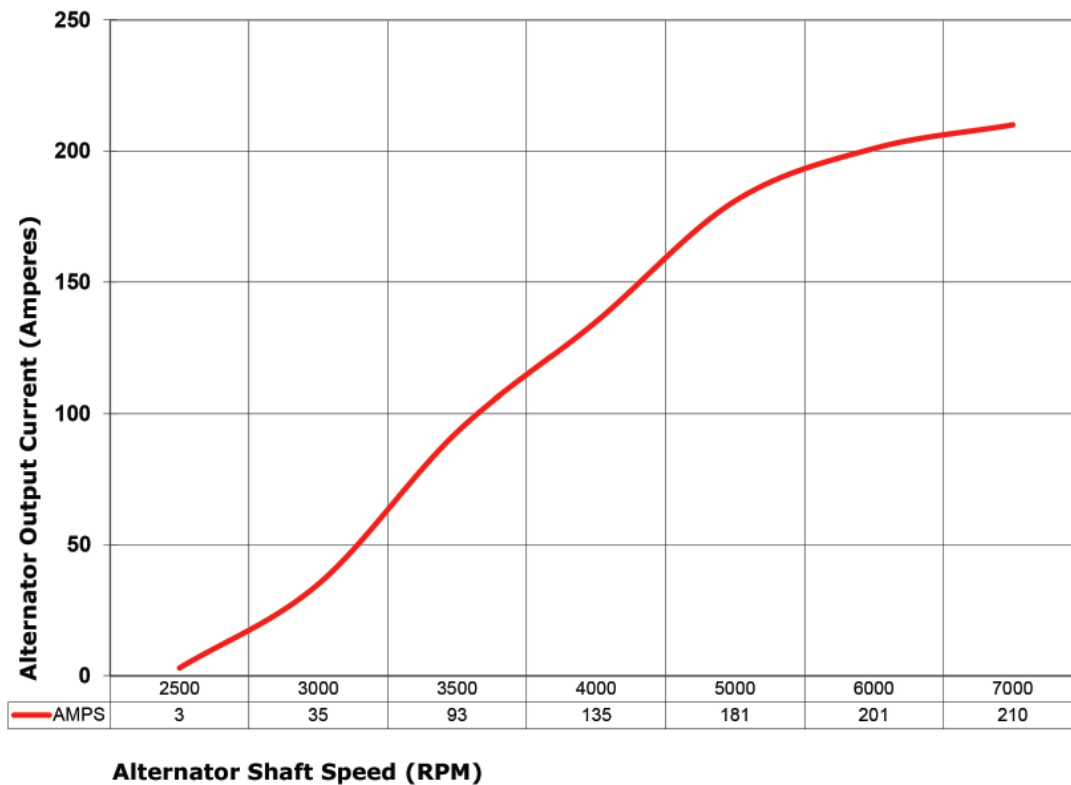
## ELECTRICAL SPECIFICATIONS

Efficiency	70% typical
Output current (nominal)	100-270 amps
Rated power	1.35-6.48 kW
Rated voltage (nominal)	12 or 24 VDC

## MECHANICAL SPECIFICATIONS

Cooling	Internal fans
Diameter	6.5 inches / 165 mm
Mount	J180 or pad
Pulley	Application specific
Rotation	CW
Weight	16 pounds / 7 kg

### 180-AMP UNIT



Alternator testing completed under ambient conditions, with stator temperature stabilized.

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