

450 AMP PRODUCT COMPARISON

	UNITS	EMP P450	ALMOTT 25AT-450	COMMENT (Compared to EMP)
Output (6000 RPM, 28V, 20°C)	Amp	450	525	17% higher high-speed output
Idle Output (2000 RPM, 28V, 20°C)	Amp	293	328	12% higher idle output
Output (6000 RPM, 28V, 93°C)	Amp	365	410	12% higher high-speed @ high temp output
Idle Output (2000 RPM, 28V, 93°C)	Amp	175	237	35% higher idle output at high temp
Turn On Speed	RPM	1250	1090	13% Lower Turn On
Efficiency (2000 / 6000 RPM, 28V, 25°C)	%	80 / 67 <small>(2000 / 6000 RPM)</small>	85 / 72 <small>(2000 / 6000 RPM)</small>	6.3% higher @ idle 7.5% higher @ high speed
Inertia	kg-cm ²	247	230	7.4% lower inertia
Overall Length (without pulley)	mm	396	396	Same length
Max Overall Diameter	mm	260	260	Same OD
Mass	kg	45	45	Equal mass

Equal to or Improved Performance in Every Element