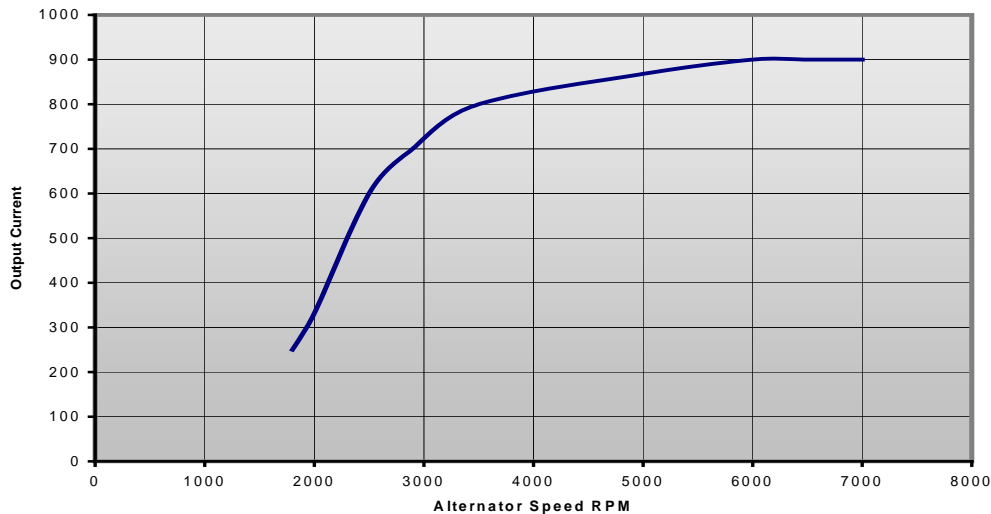


## APS Specifications – Integrated Power System 55i-3



The APS Integrated Power System is a load share system comprised of three 55i alternators. Two located on engine and one located on APU. This system delivers 25.2 kW (900 amps @28VDC) of clean, regulated DC power in a ruggedly built system designed to meet the rigors of military use. This system incorporates the latest load sharing regulation technology for paralleled power.

### ELECTRICAL SPECIFICATIONS

Rated Power:	25.2 kW
Rated Voltage:	28 VDC nominal
Rotation:	CW
Output Current:	900a nominal
Charge voltage setpoint:	28.2 V
Recommended Pulley Ratio:	3:1
Output at engine idle	600 amps with APU
Plug Interface:	Direct OE compatible
Efficiency:	87% typical.

### MECHANICAL SPECIFICATIONS :

Diameter ea:	7.5".
Mount:	Wide Pad or J180
Weight ea:	22 lbs.
Cooling:	External fans

### SPECIAL FEATURES:

- Latest load sharing regulation technology
- Three paralleled Units
- Two 55i on engine
- One 55i on 20hp APU (net weight 240 lbs)



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