

APS Load Share Regulator for 55i - PN # DLS3



The APS DLS3 “digital load sharing” regulator control is available as an option on all 55i alternators. All 55i family alternators can be run in parallel outputs from 2 to 6 units on one common DC buss utilizing the DLS3. DLS3 can be retrofitted to all 55i families.

EACH INDIVIDUAL REGULATOR

Rated power, field control:	10 amps
Rated voltage:	28 VDC nominal
Rotation clock sense:	CW
Max per unit rated output current:	300a nominal
Charge voltage set-point:	28.2 V
Digital interface protocol:	J1939
Control interface	Series one wire, shielded
Bus type:	BNC
Max units regulated :	6 – 55i in parallel output.

SYSTEM SPECIFICATIONS:

Max number of 55i controlled:	6.
Mount:	Standard Regulator mount
Load share sense:	RPM monitor of each unit
Load Share proportion:	Based on rpm of each unit

SPECIAL FEATURES:

- Digital control of all units load share on buss
- High performance heat sink
- Internal regulation of each individual unit regardless of alternator speed
- Can be used for engine alternator - APU control



World Headquarters

3750 West River Drive, Davenport, IA 52802
Phone (563) 323-7994 Ext 106
Fax (563) 323-8089

American Power Systems, Inc.

e-mail: info@americanarmature.com
Web-site: www.americanpowerinc.com
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