

REGULATOR FEATURES COMPARISON CHART

FEATURE or RATING	Flight Systems 480	Onan 305-0982 / Newage SX460	Basler KR-4 / Delco H3500	Katolite / Marathon SE350	Katolite VR63 / Marathon SE100A	Basler KR7 / Delco H1800
Sensing Voltage Range	100V-480V	100V-264V	208V-480V	120V-240V	100V-265V	160V-280V
Separate Voltage Sensing	YES	NO	YES	NO	NO	NO
Power Voltage Range	100V-300V	100V-280V	100V-300V	120V-240V	100V-265V	160V-280V
50 Hz or 60 Hz Operation	YES	YES	YES	YES	YES	YES
Voltage Regulation	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%	+/- 1%
Output SCR Configuration	Half Wave	Half Wave	Half Wave	Half Wave	Half Wave	Full Wave
EMI Filter Inductor	YES (Heavy Duty)	YES	NO	NO	YES	NO
MOV Surge Suppressor	YES	YES	NO	YES	YES	NO
V/F Rolloff (Underspeed Voltage Reduction)	YES	YES	YES	YES	YES	YES
Underspeed LED Indicator	YES	YES	NO	NO	NO	YES
Power LED Indicator	NO	NO	NO	NO	NO	YES
Soft Start (2 Sec. Typical)	YES	YES	YES	YES	YES	YES
Maximum Field Output Current Rating	5 A	4 A	4 A	3.5 A	4 A	7 A
Maximum Field Output Voltage Rating	90 VDC	90 VDC	64 VDC	73 VDC	63 VDC	170 VDC
Provision for External Voltage Adjust	YES	YES	YES	YES	YES	YES
Voltage Programming Method	Jumper	Jumper	Dip Switches	Dip Switch	Dip Switch	NONE
Fuse Protection on Board / Fuse Amps	YES / 5A	NO	YES / 5A	YES / 4A	YES / 5A	NO
Over Excitation Shutdown	NO	NO	NO	NO	YES	NO
Terminal Style	Barrier Strip with Screws	Tab Terminals	Barrier Strip with Screws	Tab Terminals	Flying Leads	Barrier Strip with Screws
Repairable	YES	NO	NO	NO	NO	NO
Adjustable from Top	YES	YES	YES	NO	YES	YES
Mounting (fixing) Ctrs., In. [mm] / No. of Holes	5.25 [133] x 3.00 [76.2] / 4	4.50 [114] x 3.15 [80.0] / 4	3.58 [90.8] x 2.32 [58.8] / 4	3.55 [90.2] x 2.31 [58.7] / 2	2.55 [64.7] x 2.29 [58.2] / 2	5.43 [138] x 3.47 [88.1] / 4
Footprint W x L, In. [mm]	3.50 [88.9] x 5.75 [146]	3.92 [100] x 5.32 [135]	2.72 [69.1] x 3.98 [101]	2.62 [66.5] x 3.88 [98.5]	2.70 [68.6] x 3.94 [100]	3.95 [100] x 5.91 [150]



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