

24VDC & 30VDC Charger



FEATURES:

- Switchgear Closing Tripping
- Telecommunication
- Control & Monitoring System
- Instrumentation
- Alarm System
- Fire and Security System
- Emergency Lighting

GENERAL SPECIFICATIONS

AC INPUT Voltage	85-132VAC/170-264VAC SELECTED (FACTORY PRESENT FOR 220V OPERATION)
AC INPUT FREQUENCY	47-63Hz
EFFICIENCY :	:REFER TO A 12V SINGLE OUTPUT AT FULL LOAD 25W:71% 50W:75% 100W:79% 200W:81%
LINE REGULATION	0.5% TYPICAL
LOAD REGULATION	1% TYPICAL ON MAIN OUTPUT
OUTPUT VOLTAGE ADJ	+10%-+15% ADJ. ON MAIN OUTPUT
RIPPLE AND NOISE	1% Peak-Peak TYPICAL
OVERVOLTAGE PROTECTION	115%-135% ON MAIN OUTPUT
OVERLOAD PROTECTION	ALL OUTPUT PROTECTED AGAINST SHORT CIRCUIT, OVERLOAD CONDITION
HOLD-UP TIME	20ms TYPICAL AT FULL LOAD
TEMPERATURE COEFFICIENT	0.02%-0.05% PER C
EMI REQUIREMENTS	MEETS CONDUCTION LIMITS OF: (a)FCC PART 15 CLASS A, B (b)EN55022, CISPR PUB 22 CLASS A, B
SAFETY REQUIREMENT	MEETS (a)UL 1012 (b)EN60950 (IEC 950, UL1950)
OPERATING TEMPERATURE	-100C TO +500C TYPICAL
STORAGE TEMPERATURE	-200C TO +850C
WITHSTAND VOLTAGE :	TYPE : PRIMARY/SECONDARY PRIMARY/FRAME SECONDARY/FRAME AMD : 1500VAC 1500VAC 500VAC

RANGE

MODEL	CAPACITY (A)	INPUT VOLTAGE (VAC)	OUTPUT VOLTAGE (VDC)
EMD24-10	10 Amp	170-264VAC, 50Hz	24VDC
EMD24-15	15 Amp	170-264VAC, 50Hz	24VDC
EMD24-20	20 Amp	170-264VAC, 50Hz	24VDC
EMD24-25	25 Amp	170-264VAC, 50Hz	24VDC
EMD24-30	30 Amp	170-264VAC, 50Hz	24VDC
EMD24-35	35 Amp	170-264VAC, 50Hz	24VDC
EMD24-40	40 Amp	170-264VAC, 50Hz	24VDC
EMD24-50	50 Amp	170-264VAC, 50Hz	24VDC
EMD24-60	60 Amp	170-264VAC, 50Hz	24VDC
EMD24-70	70 Amp	170-264VAC, 50Hz	24VDC
EMD24-80	80 Amp	170-264VAC, 50Hz	24VDC
EMD24-100	100 Amp	170-264VAC, 50Hz	24VDC
EMD30-3	3 Amp	170-264VAC, 50Hz	30VDC
EMD30-10	10 Amp	170-264VAC, 50Hz	30VDC
EMD30-15	15 Amp	170-264VAC, 50Hz	30VDC
EMD30-20	20 Amp	170-264VAC, 50Hz	30VDC
EMD30-25	25 Amp	170-264VAC, 50Hz	30VDC
EMD30-30	30 Amp	170-264VAC, 50Hz	30VDC
EMD30-35	35 Amp	170-264VAC, 50Hz	30VDC
EMD30-40	40 Amp	170-264VAC, 50Hz	30VDC
EMD30-50	50 Amp	170-264VAC, 50Hz	30VDC
EMD30-60	60 Amp	170-264VAC, 50Hz	30VDC
EMD30-70	70 Amp	170-264VAC, 50Hz	30VDC
EMD30-80	80 Amp	170-264VAC, 50Hz	30VDC
EMD30-90	90 Amp	170-264VAC, 50Hz	30VDC
EMD30-100	100 Amp	170-264VAC, 50Hz	30VDC

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