

## 110VDC Charger



### FEATURES:

- High reliability
- High efficiency, low working temperature
- International AC input range
- Built in EMI Filter, low ripple noise
- Soft-start circuit, limiting as surgent current
- 105°C Output Capacitor
- Short Circuit, Overload Protection
- 100% full load burn-in test

### TECHNICAL SPECIFICATIONS

<b>INPUT</b>	
Voltage	240V + 10% - 5% / 415 + 10% - 5%
Frequency	50Hz±5%
Phase	Single Phase / Three Phase
<b>OUTPUT</b>	
Voltage	110V nominal
Current	10 Amp - 100 Amp
Float voltage	80V ~ 160V adjustable) SLA preset value: 121.SV
Boost voltage	(121.SV ~ 160V adjustable) SLA preset value: 125.8V
Voltage stability	±3% from 0-100% DC load at simultaneous variation of an AC input +10% - 5% and frequency
Noise & Ripple	Max.5% RMS
Load output regulation	DC 110V +20%-10%
<b>TYPE OF TECHNOLOGY :</b>	Thyristor control full wave rectifier
<b>PROTECTIONS :</b>	
Output overload	100% overload of short circuit is protected by current limiting device
Current limit	Adjustment between 50 & 100% at nominal current
Output short circuit	Electronic current limit and MCB

## RANGE

MODEL	CAPACITY (A)	INPUT VOLTAGE (VAC)	OUTPUT VOLTAGE (VDC)
EMD110-15	15 Amp	228-264VAC, 50Hz	110VDC
EMD110-25	25 Amp	228-264VAC, 50Hz	110VDC
EMD110-35	35 Amp	228-264VAC, 50Hz	110VDC
EMD-3P-110-50	50 Amp	395-456 VAC, 50Hz	110VDC
EMD-3P-110-75	75 Amp	395-456 VAC, 50Hz	110VDC
EMD-3P-110-100	100 Amp	395-456 VAC, 50Hz	110VDC



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April 2023

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