

IMPACT 1XX Static Regulator Technical Specifications

(1 phase input - 1 phase output)-(3 phase input - 1 phase output)

MODEL	IMP-102	IMP-103	IMP-105	IMP-107	IMP-110	IMP-115	IMP-120	IMP-130	IMP-EMV-305	IMP-EMV-310
Power	2 kVA	3 kVA	5 kVA	7,5 kVA	10 kVA	15 kVA	20 kVA	30 kVA	5 kVA	10 kVA
Power Factor	0.90									
INPUT										
Input Voltage	220 VAC 1 Phase + Neutral								380 VAC 3 P + N	
Input Voltage Tolerance	160 V AC - 260 V AC [90 - 280 V AC optional]								110 VAC-280 VAC	
Input Frequency	50 Hz. [60 Hz. opt.] \pm %5									
Input Connection	Plug		Suitable terminal							
OUTPUT										
Output Voltage	220 VAC									
Output Voltage Tolerance	\pm % 2									
Output Current	8 A	12 A	19 A	29 A	38 A	58 A	78 A	115 A	19 A	38 A
Over Load	101% - 125% Load 3 Min.									
Electronical protection	126% - 150% Load 10 Sec.									
Controlled by microprocessors	150% Load Output Off in 1 Sec.									
Output Frequency	50 Hz. [60 Hz. opt.] \pm %5									
Regulation Speed	Min. - 500 V / sec									
Efficiency	Min. - 95%									
Output Connection	2 pcs. plugs		Suitable Terminal							
LCD Display	With 2x16 Character LCD Display: Input Voltage, Output Voltage, % Output Load, Output Frequency Regulator Condition and Failure Infos, Overload, Over Temperature, Input Failure warning ext. .									
Communication	RS-232 Communication Port and SNMP Monitoring Port and Software [optional]									
PROTECTION										
Output Voltage Protection	When Output Voltage Out of 180 V AC - 230 V AC Tolerance Values, Output off with contactor									
Current Protection	1- Electronical over current protection via microprocessors 2- Fuse protection with MCB at input or output									
BY - PASS	Manuel by - pass for failure and maintenance (5 kVA and up)									
Surge Arrester	Suitable Surge Arrester Unit for lightning and High Voltage [optional]									
RFI Filter / HARMONIC Filter	RFI filter HARMONIC FILTER can be used to eliminate input high frequency noises and harmonic current [optional]									
Isolation Transformer	Input and output Isolation Transformer for special usage [optional]									
GENERAL										
Maximum Temperature	-10 °C - +40 °C									
Altitude	2000 m									
Humidity	% 90 non condensed									
Acoustic Noise	< 50 dB									
Dimension (WxDxH) -cm	36x38x17			27 x 50 x 52				32x80x73	27x60x59	