

# IMPACT 3XX Static Regulator Technical Specifications

## (3 phase input - 3 phase output)

MODEL	IMP-315	IMP-320	IMP-330	IMP-345	IMP-360	IMP-375	IMP-390	IMP-3120	IMP-3150	IMP-3200	IMP-3250	IMP-3300	IMP-3400	IMP-3000X
Power	15 kVA	22,5 kVA	30 kVA	45 kVA	60 kVA	75 kVA	90 kVA	120 kVA	150 kVA	200 kVA	250 kVA	300 kVA	400 kVA	500kVA-2000kVA
Power Factor	0.90													
<b>INPUT</b>														
Input Voltage	380 VAC 3 phase + Neutral													
Input Voltage Tolerance	275 V AC - 430 V AC [155 - 480 V AC optional]													
Input Frequency	50 Hz. [60 Hz. opt.] $\pm$ %5													
Input Connection	Suitable terminal													
<b>OUTPUT</b>														
Output Voltage	380 VAC													
Output Voltage Tolerance	$\pm$ % 2													
Output Current	19 A	29 A	38 A	58 A	78 A	96 A	116 A	155 A	195 A	257 A	320 A	385 A	510 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	Suitable terminal													
LCD Display	With 4x16 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]													
<b>PROTECTION</b>														
Output Voltage Protection	When Output Voltage Out of 310 V AC - 395 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													
Phase Protection (Op.)	If there is an Input phase sequence failure, cuts output off [optional]													
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 [ optinal ]													
Isolation Transformer	Input and output Isolation Transformer for special usage [ optional ]													
<b>GENERAL</b>														
Maximum Temperature	-10 °C ~ +40 °C													
Altitude	2000 m													
Humidity	% 95 non condensed													
Acoustic Noise	< 50 dB													
Dimension (WxDxH) -cm	32 x 80 x 73			55 x 80 x 130				75 x 100 x 150			105 x 80 x 200			---