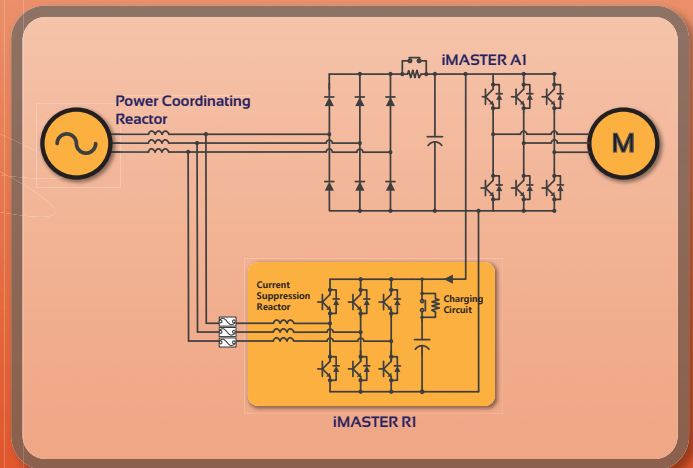
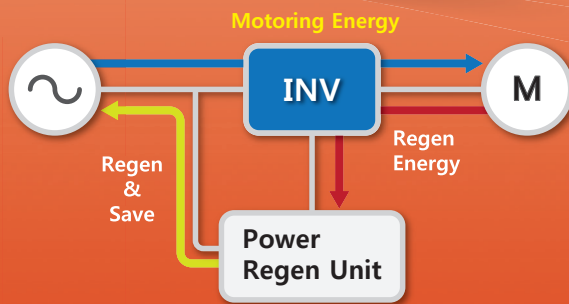


# iMaster R1

## Do not waste Regenerative Energy iMaster R1 Saves your Losses

- Energy Saving up to 50%
- Higher Braking Torque (150% 1min.)
- Less Harmonic Distortion Factor (THD 34%)
- Higher Power Factor (PF>0.93)

**Investment Payback in 2 Years!**



# iMaster R1

## iMaster R1 Line-up : 3Phase 200V 5.5~30kW / 3Phase 400V 5.5~75kW

Model [kW]	5.5	7.5	11	15	18.5	22	30	5.5	7.5	11	15	18.5	22	30	37	45	55	75
Voltage [V]	200~240							380~480										
Applicable Motor [kW]	5.5	7.5	11	15	18.5	22	30	5.5	7.5	11	15	18.5	22	30	37	45	55	75
Rated AC Side Current [A]	16	22	32	45	55	64	90	8	11	16	23	27	32	45	56	69	85	117
Rated DC Side Current [A]	20	27	41	55	68	81	112	11	15	22	30	36	43	58	73	89	109	149
Frame	1	1	1	1	2	2	3	1	1	1	1	2	2	3	3	4	4	5

## Specifications

Rated Voltage/ Frequency	200-240V, 380-480V, 50/60Hz
Allowable Voltage Fluctuation	Voltage : -15% ~ +10% (Unbalance 2% ↓ )
Control Method	120° excitation method
Input Power Factor	0.9 min. (at rated current)
Regenerative Torque	150% 60s, 100% 25% -ED 60s, 80% continuous
Ambient Temperature	-10 ~ 50 °C
Humidity	5 ~ 95 % RH or less (no condensation)

## Dimension

Frame	1	2	3	4	5
W [mm]	180	220	250	326	361
H [mm]	230	270	400	550	615
D [mm]	158	190	195	261	276

