



MODEL		MB-IA-6-18	MB-IA-9-27	MB-IA-12-36
OUTPUT	RATED CURRENT (mA)	290 ± 3%	290 ± 3%	290 ± 3%
	RATED VOLTAGE (V)	18	27	36
	VOLTAGE RANGE (V)	18-36	18-36	18-36
	RATED POWER	6	9	12
	No. OF CHANNELS	Single	Single	Single
	DRIVER TYPE	Non- Isolated	Non- Isolated	Non- Isolated
INPUT	VOLTAGE RANGE Note.4 (VAC)	85-265	85-265	85-265
	INPUT LOWER VOLTAGE CUT- OFF	No	No	No
	FREQUENCY RANGE	50 ~ 60Hz	50 ~ 60Hz	50 ~ 60Hz
	EFFICIENCY (Typ.)	>85 %	>85 %	>85 %
	POWER FACTOR	>0.9	0.9	>0.9
	AC CURRENT (mA)	41 ± 5%	54 ± 5%	68 ± 5%
PROTECTION	SHORT CIRCUIT	Yes	Yes	Yes
	OVER LOAD	Yes	Yes	Yes
	OVER VOLTAGE	Yes	Yes	Yes
	INPUT 440VAC PROTECTION	No	No	No
	SURGE	2.5KV	2.5KV	2.5KV
	INPUT OVER VOLTAGE PROTECTION	No	No	No
	INPUT UNDER VOLTAGE PROTECTION	No	No	No
ENVIRONMENT	WORKING TEMP.	-30 ~ 55°C	-30 ~ 55°C	-30 ~ 55°C
	WORKING HUMIDITY	20 ~ 90%	20 ~ 90%	20 ~ 90%
	STORAGE TEMP., HUMIDITY	-20 ~ +60°C, 10 ~ 75%	-20 ~ +60°C, 10 ~ 75%	-20 ~ +60°C, 10 ~ 75%
	POTTING (Y/N)	N	N	N
OTHERS	INGRESS PROTECTION	IP-42	IP-42	IP-42
	OPEN FRAME DIMENSION (L*W*H)	41*30*16.5	41*30*16.5	41*30*16.
	CLOSE FRAME DIMENSION (L*W*H)	61*38*32	61*38*32	61*38*32

MODEL		MB-IA-15-45	MB-IA-18-54	MB-IA-24-72
OUTPUT	RATED CURRENT (mA)	290 ± 3%	290 ± 3%	290 ± 3%
	RATED VOLTAGE (V)	45	54	72
	VOLTAGE RANGE (V)	8-45	54-72	54-72
	RATED POWER	15	18	24
	No. OF CHANNELS	Single	Single	Single
	DRIVER TYPE	Non- Isolated	Non- Isolated	Non- Isolated
INPUT	VOLTAGE RANGE Note.4 (VAC)	85-265	85-265	85-265
	INPUT LOWER VOLTAGE CUT- OFF	No	No	No
	FREQUENCY RANGE	50 ~ 60Hz	50 ~ 60Hz	50 ~ 60Hz
	EFFICIENCY (Typ.)	>85 %	>85 %	>85 %
	POWER FACTOR	>0.9	0.9	>0.9
	AC CURRENT (mA)	68 ± 5%	82 ± 5%	109 ± 5%
PROTECTION	SHORT CIRCUIT	Yes	Yes	Yes
	OVER LOAD	Yes	Yes	Yes
	OVER VOLTAGE	Yes	Yes	Yes
	INPUT 440VAC PROTECTION	No	No	No
	SURGE	2.5KV	2.5KV	2.5KV
	INPUT OVER VOLTAGE PROTECTION	No	No	No
	INPUT UNDER VOLTAGE PROTECTION	No	No	No
ENVIRONMENT	WORKING TEMP.	-30 ~ 55°C	-30 ~ 55°C	-30 ~ 55°C
	WORKING HUMIDITY	20 ~ 90%	20 ~ 90%	20 ~ 90%
	STORAGE TEMP., HUMIDITY	-20 ~ +60°C, 10 ~ 75%	-20 ~ +60°C, 10 ~ 75%	-20 ~ +60°C, 10 ~ 75%
	POTTING (Y/N)	N	N	N
	INGRESS PROTECTION	IP-42	IP-42	IP-42
OTHERS	OPEN FRAME DIMENSION (L*W*H)	41*30*16.5	76*38*18	76*38*18
	CLOSE FRAME DIMENSION (L*W*H)	61*38*32	100*45*22	100*45*22



	MODEL	MB-IB-15-39	MB-IB-18-54	MB-IB-24-72
OUTPUT	RATED CURRENT (mA)	335 ± 3%	290 ± 3%	290 ± 3%
	RATED VOLTAGE (V)	39	54	72
	VOLTAGE RANGE (V)	27-40	54-72	54-72
	RATED POWER	15	18	24
	No. OF CHANNELS	Single	Single	Single
	DRIVER TYPE	Isolated	Isolated	Isolated
	VOLTAGE RANGE Note.4 (VAC)	85-265	85-265	85-265
INPUT	INPUT LOWER VOLTAGE CUT-OFF	No	No	No
	FREQUENCY RANGE	50 ~ 60Hz	50 ~ 60Hz	50 ~ 60Hz
	EFFICIENCY (Typ.)	>85 %	>85 %	>85 %
	POWER FACTOR	>0.95	0.95	>0.95
	AC CURRENT (mA)	68 ± 5%	82 ± 5%	109 ± 5%
PROTECTION	SHORT CIRCUIT	Yes	Yes	Yes
	OVER LOAD	Yes	Yes	Yes
	OVER VOLTAGE	Yes	Yes	Yes
	INPUT 440VAC PROTECTION	No	No	No
	SURGE	2.5KV	2.5KV	2.5KV
	INPUT OVER VOLTAGE PROTECTION	No	No	No
	INPUT UNDER VOLTAGE PROTECTION	No	No	No
ENVIRONMENT	WORKING TEMP.	-30 ~ 55°C	-30 ~ 55°C	-30 ~ 55°C
	WORKING HUMIDITY	20 ~ 90%	20 ~ 90%	20 ~ 90%
	STORAGE TEMP., HUMIDITY	-20 ~ +60°C, 10 ~ 75%	-20 ~ +60°C, 10 ~ 75%	-20 ~ +60°C, 10 ~ 75%
	POTTING (Y/N)	N	N	N
	INGRESS PROTECTION	IP-42	IP-42	IP-42
OTHERS	OPEN FRAME DIMENSION (L*W*H)	74*32*20	74*32*20	74*32*20
	CLOSE FRAME DIMENSION (L*W*H)	61*38*32	100*45*22	100*45*22

	MODEL	MB-IC-36-72	MB-IC-36-54	MB-ID-36-54
OUTPUT	RATED CURRENT (mA)	435 ± 3%	580 ± 3%	580 ± 3%
	RATED VOLTAGE (V)	72	54	54
	VOLTAGE RANGE (V)	60-72	36-54	36-54
	RATED POWER	36	36	36
	No. OF CHANNELS	Single	Single	Single
	DRIVER TYPE	Isolated	Isolated	Isolated
INPUT	VOLTAGE RANGE Note.4 (VAC)	120-265	120-265	120-265
	INPUT LOWER VOLTAGE CUT-OFF	No	No	No
	FREQUENCY RANGE	50 ~ 60Hz	50 ~ 60Hz	50 ~ 60Hz
	EFFICIENCY (Typ.)	>85 %	>85 %	>85 %
	POWER FACTOR	>0.95	0.95	>0.95
	AC CURRENT (mA)	160 ± 5%	160 ± 5%	160 ± 5%
PROTECTION	SHORT CIRCUIT	Yes	Yes	Yes
	OVER LOAD	Yes	Yes	Yes
	OVER VOLTAGE	Yes	Yes	Yes
	INPUT 440VAC PROTECTION	No	No	No
	SURGE	2.5KV	2.5KV	4KV
	INPUT OVER VOLTAGE PROTECTION	300VAC	300VAC	300VAC
	INPUT UNDER VOLTAGE PROTECTION	No	No	No
ENVIRONMENT	WORKING TEMP.	-30 ~ 55°C	-30 ~ 55°C	-30 ~ 55°C
	WORKING HUMIDITY	20 ~ 90%	20 ~ 90%	20 ~ 90%
	STORAGE TEMP., HUMIDITY	-20 ~ +60°C, 10 ~ 75%	-20 ~ +60°C, 10 ~ 75%	-20 ~ +60°C, 10 ~ 75%
	POTTING (Y/N)	N	N	N
	INGRESS PROTECTION	IP-42	IP-42	IP-42
OTHERS	OPEN FRAME DIMENSION (L*W*H)	95*45*30	95*45*30	95*45*30
	CLOSE FRAME DIMENSION (L*W*H)	116*52*39	116*52*39	116*52*39