

**600 VOLT, F-SERIES MODULES**

- Low saturation voltage

Device Type	V _{CES}	I _C	P _C	V _{CE(sat)}	V _{GE} = 15V	Switching Time (Max.)			R _{TH}	R _{TH}	V _F	t _{rr}	Pkg.
	Volts	Cont. Amps	Per IGBT Watts	Max. Volts	I _C Amps	t _{on} μsec.	t _{off} μsec.	t _f μsec.	IGBT °C/W	Diode °C/W	Max. Volts	Max. μsec.	
DUALS													
2MBI50F-060	600	50	220	2.5	50	0.8	1.5	1.0	0.568	1.330	2.5	0.3	M218
2MBI75F-060	600	75	290	2.5	75	0.8	1.5	1.0	0.431	0.888	2.5	0.3	M218
2MBI100F-060	600	100	360	2.5	100	0.8	1.5	1.0	0.347	0.666	2.5	0.3	M218
2MBI150F-060	600	150	540	2.5	150	0.8	1.5	1.0	0.231	0.444	2.5	0.3	M219
2MBI200F-060	600	200	720	2.5	200	0.8	1.5	1.0	0.174	0.333	2.5	0.3	M219
2MBI300F-060	600	300	1080	2.5	300	0.8	1.5	1.0	0.116	0.222	2.5	0.3	M217
SINGLES													
1MBI300F-060	600	300	1080	2.5	300	0.8	1.5	1.0	0.116	0.222	2.5	0.3	M116
1MBI400F-060	600	400	1440	2.5	400	0.8	1.5	1.0	0.087	0.167	2.5	0.3	M116

600 VOLT, L-SERIES MODULES

- Single, 30 - 75Amps

Device Type	V _{CES}	V _{GES}	I _C	P _C	V _{CE(sat)}	V _{GE} = 15V	Switching Time (Max.)			Pkg.
	Volts	Volts	cont. Amps	Per IGBT Watts	Max. Volts	I _C Amps	t _{on} μsec.	t _{off} μsec.	t _f μsec.	
1MBI30L-060	600	±20	30	120	3.5	30	0.8	1.0	0.35	M110
1MBI50L-060	600	±20	50	200	3.5	50	0.8	1.0	0.35	M110
1MBI75L-060	600	±20	75	300	3.5	75	0.8	1.0	0.35	M110

600 VOLT, L-SERIES MODULES

- High speed switching

Device Type	V _{CES}	I _C	P _C	V _{CE(sat)}	V _{GE} = 15V	Switching Time (Max.)			R _{TH}	R _{TH}	V _F	t _{rr}	Pkg.
		Cont.	Per IGBT	Max.	I _C	t _{on}	t _{off}	t _f	IGBT	Diode	Max.	Max.	
	Volts	Amps	Watts	Volts	Amps	μsec.	μsec.	μsec.	°C/W	°C/W	Volts	μsec.	
DUALS													
2MBI50L-060	600	50	250	3.5	50	0.8	1.0	0.35	0.500	1.00	2.5	0.3	M218
2MBI75L-060	600	75	325	3.5	75	0.8	1.0	0.35	0.385	0.85	2.5	0.3	M218
2MBI100L-060	600	100	400	3.5	100	0.8	1.0	0.35	0.312	0.60	2.5	0.3	M218
2MBI150L-060	600	150	600	3.5	150	0.8	1.0	0.35	0.208	0.40	2.5	0.3	M219
2MBI150LB-060	600	150	600	3.5	150	0.8	1.0	0.35	0.208	0.40	2.5	0.3	M221
2MBI200L-060	600	200	800	3.5	200	0.8	1.0	0.35	0.156	0.30	2.5	0.3	M219
2MBI200LB-060	600	200	800	3.5	200	0.8	1.0	0.35	0.156	0.30	2.5	0.3	M221
2MBI300L-060	600	300	1200	3.5	300	0.8	1.0	0.35	0.104	0.20	2.5	0.3	M217
2MBI300LB-060	600	300	1200	3.5	300	0.8	1.0	0.35	0.104	0.20	2.5	0.3	M225
2MBI400L-060	600	400	1600	3.5	400	0.8	1.0	0.35	0.078	0.15	2.5	0.3	M225
SINGLES													
1MBI300L-060	600	300	1200	3.5	300	0.8	1.0	0.35	0.104	0.25	2.5	0.3	M116
1MBI400L-060	600	400	1600	3.5	400	0.8	1.0	0.35	0.078	0.15	2.5	0.3	M116
1MBI600LN-060	600	600	2000	3.5	600	1.0	1.2	0.50	0.063	0.10	2.5	0.3	M122
1MBI600LP-060	600	600	2000	3.5	600	1.0	1.2	0.50	0.063	0.10	2.5	0.3	M121