

Majortel Power System No	Input				Output / Load				Battery			
	Bolt	Barrier Clearance	Hole Diameter	Crimp Lug *	Bolt	Barrier Clearance	Hole Diameter	Crimp Lug *	Bolt	Barrier Clearance	Hole Diameter	Crimp Lug *
MTS48/100AT-2U MTS48/75AT-2U MTS48/50AT-2U  (small dist panel) 2U Only	M4 x 0.7 ~	9.8^ ~	4^ ~	PN10-8R ~	M8 x 1.25 6-20; M3.5	20 8	8 4	LCMA25-8-C PN14-6R-C	M8 x 1.25 ~	20 ~	8 ~	LCMA25-8-C ~
MTS48/50AT-1U	M4 x 0.7	9.8	4	PN10-8R	M6 x 1.0	13	6	LCA8-14 or LCMA10-6	M6 x 1.0	13	6	LCA8-14 or LCMA10-6
MTS48/30BL-1U  MTS48/30FL-1U		IEC Cord IEC Cord			M5 x 0.8 screw clamp 12-22 awg	10 3	5 ~	LCMA6-5-C ~	M5 x 0.8 M5 x 0.8	10 10	5 5	LCMA6-5-C LCMA6-5-C
MTS130/10AT-1U MTS130/20AT-1U	M4 x 0.7	9.8	4	PN10-8R	M5 x 0.8	10	5	P12-10HDR-L LCMA6-5-C	~	~	~	~
MTS24/50AT-1U	M4 x 0.7	9.8	4	PN10-8R	M6 x 1.0	13	6	LCA8-14 or LCMA10-6	M6 x 1.0	13	6	LCA8-14 or LCMA10-6
MTD48/25-130-1U MTD48/50-130-1U	M4 x 0.7	9.8	4	PN10-8R	M6 x 1.0	13	6	LCA8-14 or LCMA10-6	~	~	~	~
MTD24/25-130-1U MTD24/50-130-1U	M4 x 0.7	9.8	4	PN10-8R	M6 x 1.0	13	6	LCA8-14 or LCMA10-6	~	~	~	~

^ Dimensions listed are mm unless otherwise stated.

\* Lug part numbers provided as examples; actual installation will depend on site requirements and cable deployed.

~ no data; not applicable to system

Bolt Size	torque (kgf.cm)	torque (lbf.in)	torque (N.m)	INPUT terminal	OUTPUT terminal
M3.5	8	6.94	0.78		MTS48/100AT-2U (5-30amp)
M4	12	10.41	1.17	MTD48/50-130-1U; MTS130/20AT-1U; MTS24/50AT-1U; MTS48/100AT-2U; MTS48/50AT-1U	
M5	20	17.35	1.96		MTS130/20AT-1U; MTS48/30BL-1U; MTS48/30FL-1U
M6	30	26.03	2.94		MTD48/50-130-1U; MTS24/50AT-1U; MTS48/50AT-1U
M8	70	60.75	6.86		MTS48/100AT-2U (100amp)

M400-v1/Apx1