



### MASS SINE SINE WAVE INVERTERS



M24020800	M24021500	M24022500	M24095100	M26013500	M26024000
24/800	24/1500	24/2500	24/5000	12/3500 (Ultra)	24/4000 (Ultra)
24V	24V	24V	24V	12V	24V
> 50Ah	> 150Ah	> 200Ah	> 400Ah	> 600Ah	> 350Ah
----- 230V - 50Hz (±0.01Hz) -----					
800W	1500W	2500W	5000W	3500W	4000W
650W	1200W	2000W	4000W	3500W	3500W
1600W	2900W	5000W	9000W	7000W	7000W
True Sine	True Sine	True Sine	True Sine	True Sine	True Sine
Internal	Internal	Internal	Internal	Internal	Internal
92%	92%	92%	92%	93%	91%
LED Display	LED Display	LED Display	LED Display	LED Display	LED Display
No	No	No	No	Yes, up to 10 units	Yes, up to 10 units
No	No	No	No	Yes	Yes
325 x 220 x 111	340 x 261 x 130	420 x 318 x 130	470 x 315 x 254	472 x 318 x 175	472 x 318 x 175
12.8 x 8.7 x 4.4	13.4 x 10.3 x 5.1	16.5 x 12.5 x 5.1	18.5 x 12.4 x 10	18.6 x 12.5 x 6.9	18.6 x 12.5 x 6.9
3.9kg (8.6lbs)	8kg (17.4lbs)	14.6kg (32.2lbs)	25kg (55.1lbs)	15kg (33.1 lb)	15kg (33.1 lb)
----- CE, E-mark, ABYC A-31 -----					

#### TECHNICAL SPECIFICATIONS

HF switch mode	HF switch mode	HF switch mode	HF switch mode	V6 HF switch mode	V6 HF switch mode
19V, ± 0.5V	19V, ± 0.5V	19V, ± 0.5V	19V, ± 0.5V	10V, dynamic window	19V, dynamic window
22V, ± 0.5V	22V, ± 0.5V	22V, ± 0.5V	22V, ± 0.5V	11V, ± 0.5V	22V, ± 0.5V
32V, ± 0.5V	32V, ± 0.5V	33V, ± 0.5V	32V, ± 0.5V	15.5V, ± 0.5V	32V, ± 0.5V
30V, ± 0.5V	30V, ± 0.5V	31V, ± 0.5V	30V, ± 0.5V	14.5V, ± 0.5V	31V, ± 0.5V
5% RMS	5% RMS	5% RMS	5% RMS	5% RMS	<10%
36A	68A	115A	230A	275A	152A
240mA - 5.6W	200mA - 5W	250mA - 6W	250mA - 6W	480mA - 6W	250mA - 6W
35mA - 0.8W	25mA - 0.6W	25mA - 0.6W	50mA - 1.2W	50mA - 0.6W	25mA - 0.6W
63A	100A	160A	1 x 250A or 2 x 125A	400A	250A
16mm <sup>2</sup>	25mm <sup>2</sup>	50mm <sup>2</sup>	2 x 70mm <sup>2</sup>	95mm <sup>2</sup>	70mm <sup>2</sup>
< 5%	< 5%	< 5%	< 5%	< 5%	< 5%
----- All power factors allowed -----					
----- -25°C to 80°C, derating > 40°C -----					
Natural/forced	Natural/forced	Natural/forced	Natural/forced	Natural/forced	Natural/forced
48 dBA at 1m	48 dBA at 1m	48 dBA at 1m	48 dBA at 1m	48 dBA at 1m	48 dBA at 1m
IP23	IP23	IP23	IP23	IP23	IP23
----- Over temperature, over load, short circuit, high battery, low battery -----					
----- Yes, using a MasterBus inverter interface or AC power analyser -----				Yes	Yes



MasterBus Inverter Interface  
Part No. M77030700  
Integrates the Mass Sine Inverter in a MasterBus network.



AC Power Analyser Part No. M77031200  
Integrates the Mass Sine Inverter in a MasterBus network and visualizes the AC voltage, current and power.



MasterView Easy Part No. M77010305  
Touch screen panel for reading charge status, current fold-back and/or Power Sharing setting.



All Mastervolt Mass Sine & Ultra inverters can be connected to a MasterBus network with only one cable and one connection (see pages 30 - 35).