

Isolation Transformers

Specifications



Mass GI 3.5






Mass GI 7



IVET 3.5



IVET 4.5

Part #	88000355	88000705	85000350	85000450
Input				
Input voltage	90–255V	90–255V	110/220/240V (adjustable)	110/220/240V (adjustable)
Input frequency	45–65Hz	45–65Hz	45–65Hz	45–65Hz
Nominal input current at 230V	16A	32A	16A	20A
No load consumption	22 W	44 W	<10 W	<10 W
Earth leakage protection	no	no	no	no
Output				
Output voltage (equal to input)	90–255V, ± 5%	90–255V, ± 5%	110/220/240V, ± 5%	110/220/240V, ± 5%
Output frequency	equal to input	equal to input	equal to input	equal to input
Soft Start	yes	yes	option	option
Switch off behaviour breaker	B-characteristic	B-characteristic	n.a.	n.a.
Efficiency	>93%	>93%	>93%	>93%
General Specifications				
Power	3500 W (up to 4 units parallel = 14 kW)	7000 W	3500 W	4500 W
Technology	high frequency	high frequency	E-core	E-core
Dimensions, HxWxD	13.4"x10.3"x5.7" 340x261x144 mm	13.4"x10.3"x9.8" 340x261x250 mm	13"x7.9"x7.3" 330x200x185 mm	13"x9.4"x7.3" 330x240x185 mm
Weight	13.2 lbs / 6 kg	22 lbs / 10 kg	66.1 lbs / 30 kg	77.2 lbs / 53 kg
Ambient temperature	0–40°C, derating power > 40°C / 32–104°F, derating power > 104°F			
Switch off at	176°F / 80°C	176°F / 80°C	n.a.	n.a.
Cooling	variofan	variofan	natural cooling	natural cooling
Operating humidity	max. 95%	max. 95%	max. 95%	max. 95%
Protection degree	IP23	IP23	IP00	IP00
MasterBus compatible	yes	yes	no	no
Options				
EasyView 5 77010310	 option	option	n.a.	n.a.
Waterproof system monitor with 'daylight readable' colour display and intuitive multi-language touchscreen to show the key system information at a glance. There is also a logbook feature for warnings and alarms, along with a buzzer and alarm notifications. The home button gives access to favorite pages.				
Soft Start 13 kW 55003300	 included	included	option	option
Automatic switch that suppresses the inrush current from the isolation transformer to prevent the shore power fuse from blowing.				
Soft Start 22 kW 55003400	 included	included	n.a.	n.a.
Automatic switch that suppresses the inrush current from the isolation transformer to prevent the shore power fuse from blowing.				

* Also available in cabinet, Part # **86001000**.

Transfer Systems

Specifications

Transfer systems with Soft Start and automatic detection of the input voltage



6 kVA



9 kVA



13 kVA



Soft Start 13 kVA



Soft Start 22 kVA

Part #	55010600	55010900	55011300	55003300	55003400
Voltage	120/230V	120/230V	120/230V	230V	230V
Power	6 kW	9 kW	13 kW	2.5–13 kW	13–22 kW
Max. input current	60A at 120V 30A at 230V	80A at 120V 40A at 230V	130A at 120V 70A at 230V	n.a.	n.a.
Dimensions, HxWxD	15.7"x11.8"x8.3" 400x300x210 mm	15.7"x11.8"x8.3" 400x300x210 mm	15.7"x11.8"x8.3" 400x300x210 mm	7.9"x7.1"x4.5" 200x180x115 mm	7.9"x7.1"x4.5" 200x180x115 mm
Weight	12 kg / 26.5 lbs	12.5 kg / 27.6 lbs	13 kg / 28.7 lbs	1.2 kg / 2.6 lbs	1.5 kg / 3.3 lbs

For detailed specifications, scale drawings, 3D files, certificates and manuals see mastervolt.us.