

PM-DCB BATTERY CHARGERS

SOME MODELS WITH DIGITAL DISPLAY

- 3 LED display on Models with 'D'
- Short circuit protection
- Reversed polarity protection – if polarity is reversed the 'crowbar circuit' will activate to protect the battery charger from further damage – **Reverse polarity is not covered under the warranty**

- Automatic multi-rate charging function
- Temperature protection
- Over charge protection
- Charging curve selection
- High efficiency & frequency design
- Charge for lead acid battery
- Overload protection

PM-DBC-0212F / PM-DBC-0612F / PM-DBC-0424F



PM-DBC-1136D / PM-DBC-0748DF



PM-DBC-1012DF / PM-DBC-0724DF



PM-DBC-4512D / PM-DBC-2324D / PM-DBC-1148D



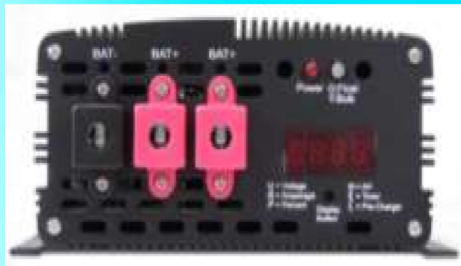
PM-DBC-1224D



PM-DBC-4524D / PM-DBC-2248D



PM-DBC-2512D / PM-DBC-0748DF



TECHNICAL SPECIFICATIONS

MODEL		12V VERSION					24V VERSION				
		PM-DBC-0212F	PM-DBC-0612F	PM-DBC-1012DF	PM-DBC-2512D	PM-DBC-4512D	PM-DBC-0424F	PM-DBC-0724DF	PM-DBC-1224D	PM-DBC-2324D	PM-DBC-4524D
		F = Full input voltage range 90VAC – 240VAC					D = Digital Display				
OUTPUT	Voltage	12V					24V				
	Current	2A	6A	10A	25A	45A	4A	7A	12A	23A	45A
	Equaliser	14.4V +/- 0.1V					28.8V +/- 0.2V				
	Float Charge	13.6V +/- 0.1V					27.2V +/- 0.2V				
	Efficiency	>87 (at full load)									
INPUT	Voltage	220V									
	Frequency	47 – 63 Hz									
PROTECTION	Battery Reverse	Yes									
	Short Circuit	Yes									
	Overload	Yes									
	Temperature	Yes, when temp. around 65°C - 75°C, will stop charging except for 0212F & 0612F					Yes, when temp. around 65°C - 75°C, will stop charging except for 0424F				
	Cooling fan	Fans are controlled by floating voltage (Fans are controlled by temperature (45 °C) for 0212F & 0612F)					Fans are controlled by floating voltage (Fans are controlled by temperature (45 °C) for 0424F)				
INDICATORS	LED	3 LEDs : Red (power) / Green (float charge) / Orange (equalizer charge)									
	LED Display	Yes (except for 0212F & 0612F)					Yes (except for 0424F)				
	Current Meter	Yes (except for 0212F & 0612F)					Yes (except for 0612F)				
MECHANICAL	Dimensions (mm)	51x81 x152	51x81 x152	54x114 x172	79x170 x196	110x229 x335	51x81 x152	54x114 x172	79x170 x196	110x229 x335	85x356 x479
	Weight (kg)	0.8	0.8	1.0	2.0	4.1	0.8	1.0	2.0	4.1	8.5
	O/P Wires or Terminal	Microphone connector or alligator clips			Terminal		Microphone connector or alligator clips			Terminal	

MODEL		36V VERSION		48V VERSION	
		PM-DBC-1136D	PM-DBC-0748DF	PM-DBC-1148D	PM-DBC-2248D
		F = Full input voltage range 90VAC – 240VAC D = Digital Display			
OUTPUT	Voltage	36V		48V	
	Current	11A	7A	11A	22A
	Equalizer Charge	43.2V +/- 0.2V		57.6 +/- 0.1V	
	Float Charge	40.8V +/- 0.2V		54.4V +/- 0.1V	
	Efficiency	>87% (at full load)			
INPUT	Voltage	220V			
	Frequency	47 – 63Hz			
PROTECTION	Battery Reverse	Yes			
	Short Circuit	Yes			
	Overload	Yes			
	Temperature	Yes			
	Cooling Fan	Fans are controlled by float voltage			
INDICATORS	LEDs	3 LEDs : Red (power) / Green (float charge) / Orange (equalizer charge)			
	LED Display	Yes			
	Current Meter	Yes			
MECHANICAL	Dimensions (mm)	79x170x251	79x170x196	48.5x51x22	85x356x479
	Weight (kg)	2.5	2.0	9.6	8.5
O/P Wires or Terminal		Terminal		Alligator Clips	
				Terminal	

