

# PowerBoozt MDCi



## PB-MDCI DC/DC converter, switch-mode, isolated

Model	PB-MDCI 100	PB-MDCI 200	PB-MDCI 360	PB- MDCI 360 Charger
Power (W)	100	200	360	360
Input variants (Vdc)*	A-B-C-D	A-B-C-D	A-B-C-D	A
Output variants (Vdc/A) $\pm$ 2%	12.5/8-24.5/4	12.5/16-24.5/8	12.5/30-24.5/15	27.6/13
Output current (A)	8/4	16.5/8	30/15	13
Galvanic isolation	o	o	o	o
Isolation voltage (V)	400			
Efficiency @ full load (%)	> 85			
Off-load current (mA)	< 25			
Operating temperature	-20 / +45°C			
Ambiant temp. (20°) increase after 30 min. @ full load	25°C	30°C		
Cooling	Convection	Fan		
Dimensions HxWxD (mm)	49x88x152	49x88x182		
Weight (gr)	500	600		

\* A = 9-18 Vdc

B = 20-35 Vdc

C = 30-60 Vdc

D = 60-120 Vdc

### Features PB-MDCI

Paralleling (only MDCI)	Max. 2 converters	
Humidity	Max. 95% non condensing	
Protection	Overload	Up to short-circuit
	Overheating	Output voltage reduction
	Overvoltage	Transient protection by Varistor
	Reverse Polarity	Fuse
Casework	Anodized aluminium	
Connections	6.3 mm Faston	
Warranty	2 years	
Norms	EN 50081-1 (emission) EN 50082-1 (immunity) 95/54/EC (automotive directive)	

Data may change without any notice