

TECHNICAL SPECIFICATIONS

Model	DCV113-500
Operation	Switch Mode PWM (160~200Hz)
Input	DC 110V nominal
Input Tolerance	DC 88V ~ 138V (or -20%, +25%)
Output Voltage	DC 30V regulated
Operating Range	Adjustable $\pm 10\%$
Output Power	500W
Efficiency	> 85%
Line Regulation	< $\pm 0.2\%$
Load Regulation	< $\pm 0.5\%$
Overload Capacity	120% (typical), auto-recovery
Temp. Coefficient	$\pm 0.03\%$ / °C (max)
I/O Isolation Resistance	200M Ω
I/O Isolation Voltage	1500VDC (min)
Ripple & Noise	< 100mV
Protection	Input Overvoltage Protection Output Overvoltage Protection, 130%~160% of rated output voltage Output Short Circuit Protection Output Overload Protection
Cooling	Air Cool
Operating Temperature	-25 ~ +65°C
Relative Humidity	0 ~ 90% non-condensing
EMC Standard	Comply to EN55022 Class B, EN61000-4-2,3,4,5,6,8
Dimensions (mm ³)	W148 x D200 x H59
Weight (approx)	2KG

MicroMate®

110V/30V, 500W DC/DC Converter

* Due to the policy of continued product improvement, specifications are subject to change without notice.

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