



## DC-DC Step Up Converters

Model  
IDC-200A-24  
8 Amps

### Design Features

- Fully isolated
- Short circuit protected
- Current limited
- 2 year warranty

### Applications

- Earth moving equipment
- Heavy trucks
- Buses
- Marine vehicles
- CB radios
- 12 or 24 Volt lighting systems
- AM / FM sound systems

	MoDEl No.	IDC-200A-24
INPUT	<b>INPUT VoLTAGE RANGE</b>	9-18 VDC
	<b>oUTPUT VoLTAGE</b>	24.5 VDC
	<b>oUTPUT CuRRENT*</b>	8 A
	<b>INPUT To oUTPUT ISoLATIoN</b>	Yes. > 400 V RMS
	<b>oUTPUT RiPPiE &amp; NoISE</b>	< 50 V RMS
	<b>PEAK EFFICIENCY</b>	85%
	<b>CoOLING</b>	By temperature controlled fan
	<b>oPERATING TEMPERATURE</b>	-20oC to +30oC, De-rate linearly to zero at 70oC
fUSE SPECIFICATIoNS	<b>EXTERNAL INPUT SIDE fUSE (Inline with "input+" terminal)</b>	32 V, 30 A
	<b>EXTERNAL oUTPUT SIDE fUSE (Inline with "output+" terminal)</b>	32 V, 10 A
	<b>WIRE SIZE</b>	INPUT WIRE (Up to 6 ft) oUTPUT WIRE (Up to 10 ft)
SAFETY & EMC	<b>EMISSION</b>	EN50081-1 / EN61000-6-3
	<b>IMMUNITY</b>	EN50082-1 / EN61000-6-1
	<b>AUToMoTIVE</b>	95 / 54 / EC
GENERAl	<b>INPUT / oUTPUT CoNNECTIoNS</b>	Quick connect male 6.3mm / ¼" flat blade
	<b>DIMENSIoNS, MM (l x W x h)</b>	176 x 88 x 50
	<b>DIMENSIoNS, INChES (l x W x h)</b>	6.9 x 3.5 x 1.9
	<b>WEIGHt, KG</b>	0.6
	<b>WEIGHt, lB</b>	1.4

Note: Specifications are subject to change without notice

\* The output current indicated is the maximum current at the maximum input voltage