

DC ~ DC CONVERTERS

Communications Applications

NEW!

Fully Isolated Converters



● IDC-100 Series
100 Watts Output Power



● IDC-200 Series
200 Watts Output Power



● IDC-360 Series
360 Watts Output Power

Non Isolated Converters



● SDC-5
5 Amps Output Power



● SDC-15
12 Amps Output Power



● SDC-23
20 Amps Output Power



● SDC-20
15 Amps Output Class 1, Div 2



● SDC-30
30 Amps Output Power



● SDC-60
60 Amps Output Power



DC~DC CONVERTERS - COMMUNICATIONS

Fully Isolated - Single Output

	<u>IDC-100 Series</u>	<u>IDC-200 Series</u>	<u>IDC-360 Series</u>
INPUT VOLTAGE			
A series (12 VDC Nominal)	9.2 ~ 18 VDC	9.2 ~ 18 VDC	9.2 ~ 18 VDC
B Series (24 VDC Nominal)	20 ~ 35 VDC	20 ~ 35 VDC	20 ~ 35 VDC
C Series (48 VDC Nominal)	30 ~ 60 VDC	30 ~ 60 VDC	30 ~ 60 VDC
D Series (72 VDC Nominal)	60 ~ 120 VDC	60 ~ 120 VDC	60 ~ 120 VDC
OUTPUT CURRENTS AVAIL.			
12.5 VDC	8 Amps, 100 Watts	16 Amps, 200 Watts	30 Amps, 360 Watts
24 VDC	4 Amps, 100 Watts	8 Amps, 200 Watts	15 Amps, 360 Watts
ISOLATED	Yes	Yes	Yes
COOLING	Convection	Convection	Temp. Controlled Fan
PROTECTIONS			
Short Circuit	Yes	Yes	Yes
Current Limited	Yes	Yes	Yes
DIMENSIONS - inches	6" x 3.5" x 1.9"	7" x 3.5" x 1.9"	6.3" x 6.4" x 2.5"
WEIGHT - pounds	1.2 lbs	1.4 lbs	3.3 lbs
WARRANTY	2 Years	2 Years	2 Years

Common Negative - Single Output

	<u>SDC-05</u>	<u>SDC-15</u>	<u>SDC-23</u>	<u>SDC-20</u>
INPUT VOLTAGE	20 ~ 30 VDC	20 ~ 30 VDC	20 ~ 30 VDC	20 ~ 30 VDC
OUTPUT VOLTAGE	13.6 VDC	12 VDC	12 VDC	12 VDC
OUTPUT CURRENT	5 Amps	12 Amps	20 Amps	12 Amps
ISOLATED	No	No	No	No
COOLING	Convection	Convection	Convection	Convection
PROTECTIONS				
Short Circuit	Yes	Yes	Yes	Yes
Current Limited	Yes	Yes	Yes	Yes
SAFETY	-	-	-	Class1 Div. 2 Hazardous
DIMENSIONS - inches	1.8" x 1.8" x 3.5"	5" x 8" x 2.5"	5" x 8" x 2.5"	5" x 8" x 2.5"
WEIGHT - pounds	.5 lbs	2.5 lbs	2.5 lbs	3 lbs
WARRANTY	2 Years	2 Year	2 Years	2 Years
	<u>SDC-30</u>	<u>SDC-60</u>		
INPUT VOLTAGE	18 ~ 35 VDC	18 ~ 35 VDC		
OUTPUT VOLTAGE	13.8 VDC	13.8 VDC		
OUTPUT CURRENT	30 Amps	60 Amps		
ISOLATED	No	No		
COOLING	Temp. Controlled Fan	Temp. Controlled Fan		
PROTECTIONS				
Short Circuit	Yes	Yes		
Current Limited	Yes	Yes		
DIMENSIONS - inches	1.8" x 6" x 1.8"	3.5" x 6.7" x 3.5"		
WEIGHT - pounds	1.3 lbs	2.6 lbs		
WARRANTY	2 Years	2 Year		

Marine . Automotive . RV . Solar / Alternative Power Systems
 Electrical Utilities and Substations . Telecommunications . Industrial Controls (OEM)
 Security Systems . Oil & Gas