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ACUTE POWER

CATALOG:

ISOLATED DC-DC CONVERTERS

1Watt—150Watt



AC-DC POWER CONVERTERS



7.5Watt –130Watt


Consult factory for pricing and lead-time


[sales@internationalcoil.com](mailto:sales@internationalcoil.com)

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DC-DC CONVERTERS FROM ACUTE POWER						
Part Number	Input Voltage	Output Voltage	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
<b>1.0 Watt MBR01 SIP SERIES</b>						
MBR01-XX05SP		5.00			200mA	70
MBR01-XX09SP		9.00			110mA	75
MBR01-XX12SP		12.00			85mA	75
MBR01-XX15SP		15.00			66mA	75
MBR01-XXD5SP		+/-5			+/-100mA	70
MBR01-XXD9SP		+/-9			+/-56mA	75
MBR01-XXD12SP		+/-12			+/-42	75
MBR01-XXD15SP		+/-15			+/-34	75
<b>1.0 Watt MBR01 SERIES</b> 						
MBR01-05S05SM	5Vdc	5Vdc			200mA	70
MBR01-05S09SM	5Vdc	9Vdc			110mA	75
MBR01-05S12SM	5Vdc	12Vdc			85mA	75
MBR01-05S15SM	5Vdc	15Vdc			66mA	75
MBR01-12S05SM	12Vdc	5Vdc			200mA	70
MBR01-12S09SM	12Vdc	9Vdc			110mA	75
MBR01-12S12SM	12Vdc	12Vdc			85mA	75
<b>1.0 Watt MBR01 3K SIP SERIES</b> 						
MBR01-05S05-3KSIP		5.00			200mA	70
MBR01-05S09-3KSIP		9.00			110mA	75
MBR01-05S12-3KSIP		12.00			85mA	75
MBR01-05S15-3KSIP		15.00			66mA	75
MBR01-05D5-3KSIP		+/-5			+/-100mA	70
MBR01-05D9-3KSIP		+/-9			+/-56mA	75
MBR01-05D12-3KSIP		+/-12			+/-42	75
MBR01-05D15-3KSIP		+/-15			+/-34	75

DC-DC CONVERTERS FROM ACUTE POWER						
Part Number	Input Voltage	Output Voltage	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
1.8 Watt MBR1.8 SERIES 						
MBR1.8-5S05R	5Vdc	5.00			360mA	50
MBR1.8-5S09N	5Vdc	9.00			200mA	75
MBR1.8-5S12R	5Vdc	12.00			150mA	55
MBR1.8-5S15N	5Vdc	15.00			120mA	75
MBR1.8-5D05N	5Vdc	+/-5.00			+/-180	75
MBR1.8-5D12R	5Vdc	+/-12.00			+/-75	55
MBR1.8-5D15N	5Vdc	+/-15.00			+/-60	75
MBR1.8-12S05R	12Vdc	5.00			360mA	50
MBR1.8-12S12N	12Vdc	12.00			150	75
MBR1.8-12D12N	12Vdc	+/-12.00			+/-75	75
MBR1.8-12D15R	12Vdc	+/-15.00			+/-60	55
3.0 WATT MBR03 SERIES 						
MBR03-12S05TH	12Vdc (10-33)	5.00	133	4	500mA	
MBR03-12S12TH	12Vdc (10-33)	12.00	158	4	250mA	
MBR03-12S15TH	12Vdc (10-33)	15.00	156	4	200mA	
MBR03-12D05TH	12Vdc (10-33)	+/-5	132	4	+/-250mA	
MBR03-12D12TH	12Vdc (10-33)	+/-12	157	4	+/-125mA	
MBR03-12D15TH	12Vdc (10-33)	+/-15	155	4	+/-100mA	
MBR03-48S05TH	48Vdc (18-72)	5.00	65	2	500mA	
MBR03-48S12TH	48Vdc (18-72)	12.00	78	2	250mA	
MBR03-48S15TH	48Vdc (18-72)	15.00	77	2	200mA	
MBR03-48D05TH	48Vdc (18-72)	+/-5	64	2	+/-250mA	
MBR03-48D12TH	48Vdc (18-72)	+/-12	77	2	+/-125mA	
MBR03-48D15TH	48Vdc (18-72)	+/-15	76	2	+/-100mA	

DC-DC CONVERTERS FROM ACUTE POWER						
Part Number	Input Voltage	Output Voltage	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
5.0 Watt BRM05 SERIES 						
BMR05-12S05RTH	12Vdc (9-18)	5Vdc			1000mA	73
BRM05-12S12RTH	12Vdc (9-18)	12Vdc			470mA	80
BRM05-12S15RTH	12Vdc (9-18)	15Vdc			400mA	80
BRM05-12D12RTH	12Vdc (9-18)	+/-12Vdc			+/-230mA	80
BRM05-12D15RTH	12Vdc (9-18)	+/-15Vdc			+/-190mA	80
BRM05-24S05RTH	24Vdc (18-36)	5Vdc			1000mA	74
BRM05-24S12RTH	24Vdc (18-36)	12Vdc			470mA	82
BRM05-24S15RTH	24Vdc (18-36)	15Vdc			400mA	82
BRM05-24D12RTH	24Vdc (18-36)	+/-12Vdc			+/-230mA	82
BRM05-24D15RTH	24Vdc (18-36)	+/-15Vdc			+/-190mA	82
5-6 Watt ICI05 WIDE INPUT VOLTAGE RANGE SERIES 						
ICI05-12S03R	9-18Vdc	3.3Vdc	405mA	7.5mA	1000mA	68
ICI05-12S05R	9-18Vdc	5Vdc	545	7.5mA	1000mA	76
ICI05-12S12R	9-18Vdc	12Vdc	585	7.5mA	470mA	80
ICI05-12S15R	9-18Vdc	15Vdc	625	7.5mA	400mA	80
ICI05-12D05R	9-18Vdc	+/-5Vdc	545	12A	+/-500mA	76
ICI05-12D12R	9-18Vdc	+/-12Vdc	575	12A	+/-230mA	80
ICI05-12D15R	9-18Vdc	+/-15Vdc	590	12A	+/-190mA	80
ICI05-24S03R	18-36Vdc	3.3Vdc	195	5mA	1000mA	70
ICI05-24S05R	18-36Vdc	5Vdc	265	5mA	1000mA	78
ICI05-24S12R	18-36Vdc	12Vdc	285	5mA	470mA	82
ICI05-24S15R	18-36Vdc	15Vdc	305	5mA	400mA	82
ICI05-24D05R	18-36Vdc	+/-5Vdc	265	7.5mA	+/-500mA	78



DC-DC CONVERTERS FROM ACUTE POWER						
Part Number	Input Voltage	Output Voltage	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
Continued: 5-6 Watt ICI05 WIDE INPUT VOLTAGE RANGE SERIES						
ICI05-24D12R	18-36Vdc	+/-12Vdc	285mA	7.5mA	+/-230mA	81
ICI05-24D15R	18-36Vdc	+/-15Vdc	295mA	7.5mA	+/-190mA	81
ICI05-48S03R	36-72Vdc	3.3Vdc	98ma	2mA	1000mA	70
ICI05-48S05R	36-72Vdc	5Vdc	133ma	2mA	1000mA	78
ICI05-48S12R	36-72Vdc	12Vdc	145mA	2mA	470mA	81
ICI05-48S15R	36-72Vdc	15Vdc	154mA	2mA	400mA	81
ICI05-48D05R	36-72Vdc	+/-5Vdc	265mA	3mA	+/-500mA	78
ICI05-48D12R	36-72Vdc	+/-12Vdc	142mA	3mA	+/-230mA	81
8.0 Watt ICI08 WIDE INPUT VOLTAGE RANGE SERIES 						
ICI08-12S03R	9-18Vdc	3.3Vdc	679mA		2000mA	81
ICI08-12S05R	9-18Vdc	5Vdc	762mA		1500mA	82
ICI08-12S12R	9-18Vdc	12Vdc	774mA		666mA	86
ICI08-12S15R	9-18Vdc	15Vdc	803mA		533mA	83
ICI08-12D05R	9-18Vdc	+/-5Vdc	803mA		+/-800mA	83
ICI08-12D12R	9-18Vdc	+/-12Vdc	793mA		+/-333mA	84
ICI08-12D15R	9-18Vdc	+/-15Vdc	795mA		+/-267mA	84
ICI08-24S03R	18-36Vdc	3.3Vdc	344mA		2000mA	80
ICI08-24S05R	18-36Vdc	5Vdc	372mA		1500mA	84
ICI08-24S12R	18-36Vdc	12Vdc	401mA		666mA	83
ICI08-24S15R	18-36Vdc	15Vdc	401mA		533mA	83
ICI08-24D05R	18-36Vdc	+/-5Vdc	402mA		+/-800mA	83
ICI08-24D12R	18-36Vdc	+/-12Vdc	392mA		+/-333mA	85
ICI08-24D15R	18-36Vdc	+/-15Vdc	393mA		+/-267mA	85
ICI08-48S03R	36-72Vdc	3.3.Vdc	172mA		2000mA	80
ICI08-48S05R	36-72Vdc	5Vdc	188mA		1500mA	83

<b>DC-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage</b>	<b>Output Voltage</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>Continued: 8.0 Watt ICI08 WIDE INPUT VOLTAGE RANGE SERIES</b>							
<b>ICI08-48S12R</b>		36-72Vdc	12Vdc	198mA		666mA	84
<b>ICI08-48S15R</b>		36-72Vdc	15Vdc	198mA		533mA	84
<b>ICI08-48D05R</b>		36-72Vdc	+/-5Vdc	198mA		+/-800mA	84
<b>ICI08-48D12R</b>		36-72Vdc	+/-12Vdc	196mA		+/-333mA	85
<b>10 Watt MAC10 SERIES SINGLE AND DUAL OUTPUTS SERIES</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output Voltage</b>	<b>I<sub>in</sub> @ Vin FL</b>	<b>I<sub>in</sub> @ Nom NL</b>	<b>Output Current FL</b>	<b>Efficiency Typ.</b>
<b>MAC10-12S3V3</b>	12Vdc	9-36Vdc	3.30	0.855	7mA	2.0A	78
<b>MAC10-12S05</b>	12Vdc	9-36Vdc	5.00	.0833	7mA	1.6A	80
<b>MAC10-12S07</b>	12Vdc	9-36Vdc	7.00	0.823	7mA	1.1A	81
<b>MAC10-12S12</b>	12Vdc	9-36Vdc	12.00	0.803	7mA	0.666	83
<b>MAC10-12S15</b>	12Vdc	9-36Vdc	15.00	0.803	7mA	0.444	83
<b>MAC10-12D05</b>	12Vdc	9-36Vdc	+/-5.00	0.833	7mA	+/-1.0A	80
<b>MAC10-12D12</b>	12Vdc	9-36Vdc	+/-12.00	0.803	7mA	+/-333A	83
<b>MAC10-12D15</b>	12Vdc	9-36Vdc	+/-15.00	0.803	7mA	+/-222A	83
<b>MAC10-48S3V3</b>	48Vdc	18-75Vdc	3.30	0.208	7mA	2.4A	80
<b>MAC10-48S05</b>	48Vdc	18-75Vdc	5.00	0.254	7mA	2.0A	82
<b>MAC10-48S07</b>	48Vdc	18-75Vdc	7.00	0.251	7mA	1.43A	83
<b>MAC10-48S12</b>	48Vdc	18-75Vdc	12.00	0.245	7mA	.833A	85
<b>MAC10-48S15</b>	48Vdc	18-75Vdc	15.00	0.245	7mA	.666A	85
<b>MAC10-48D05</b>	48Vdc	18-75Vdc	+/-5.00	0.254	7mA	+/-1.5A	82
<b>MAC10-48D12</b>	48Vdc	18-75Vdc	+/-12.00	0.245	7mA	+/-412A	85
<b>MAC10-48D15</b>	48Vdc	18-75Vdc	+/-15.00	0.245	7mA	+/-333A	85



DC-DC CONVERTERS FROM ACUTE POWER							
Part Number	Input Voltage Nom.	Input Voltage	Output Voltage	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
10 Watt BRM10 WIDE INPUT VOLTAGE RANGE SERIES 							
BRM10-12S05R		9-18Vdc	5Vdc			2000mA	79
BRM10-12S12R		9-18Vdc	12Vdc			830mA	82
BRM10-12S15R		9-18Vdc	15Vdc			670mA	82
BRM10-12D12R		9-18Vdc	+/-12Vdc			+/-416mA	81
BRM10-12D15R		9-18Vdc	+/-15Vdc			+/-333mA	81
BRM10-24S05R		18-36Vdc	5Vdc			2000mA	81
BRM10-24S12R		18-36Vdc	12Vdc			830mA	84
BRM10-24S15R		18-36Vdc	15Vdc			670mA	84
BRM10-24D12R		18-36Vdc	+/-12Vdc			+/-416mA	82
BRM10-24D15R		18-36Vdc	+/-15Vdc			+/-333mA	82
BRM10-48S05R		36-72Vdc	5Vdc			2000mA	82
BRM10-48S12R		36-72Vdc	12Vdc			830mA	86
BRM10-48S15R		36-72Vdc	15Vdc			670mA	86
BRM10-48D12R		36-72Vdc	+/-12Vdc			+/-416mA	84
BRM10-48D15R		36-72Vdc	+/-15Vdc			+/-333mA	84
15 Watt MAC15 SINGLE AND DUAL OUTPUTS SERIES 							
Part Number	Input Voltage Nom.	Input Voltage	Output Voltage	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
MAC15-12S3V3	12Vdc	9-18Vdc	3.30	843mA	7mA	2.4A	79
MAC15-12S05	12Vdc	9-18Vdc	5.00	1220mA	7mA	2.4A	82
MAC15-12S07	12Vdc	9-18Vdc	7.00	1205mA	7mA	1.72A	83



<b>DC-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output Voltage</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<u>Continued: 15 Watt MAC15 SINGLE AND DUAL OUTPUTS SERIES</u>							
<b>MAC15-12S12</b>	12Vdc	9-18Vdc	12.00	1191mA	7mA	1.00A	84
<b>MAC15-12S15</b>	12Vdc	9-18Vdc	15.00	1163	7mA	.800A	86
<b>MAC15-12D05</b>	12Vdc	9-18Vdc	+/-5.00	1220	7mA	1.20A	82
<b>MAC15-12D12</b>	12Vdc	9-18Vdc	+/-12.00	1191	7mA	.500A	84
<b>MAC15-12D15</b>	12Vdc	9-18Vdc	+/-15.00	1163	7mA	.400A	86
<b>MAC15-243V3</b>	24Vdc	18-36Vdc	3.30	521	7mA	3.00A	80
<b>MAC15-24S05</b>	24Vdc	18-36Vdc	5.00	744	7mA	3.00A	84
<b>MAC15-24S07</b>	24Vdc	18-36Vdc	7.00	735	7mA	2.15A	85
<b>MAC15-24S12</b>	24Vdc	18-36Vdc	12.00	727	7mA	1.25A	86
<b>MAC15-24S15</b>	24Vdc	18-36Vdc	15.00	710	7mA	1.00A	88
<b>MAC15-24D05</b>	24Vdc	18-36Vdc	+/-5.00	753	7mA	1.50A	83
<b>MAC15-24D12</b>	24Vdc	18-36Vdc	+/-12.00	727	7mA	.625A	86
<b>MAC15-24D15</b>	24Vdc	18-36Vdc	+/-15.00	710	7mA	.500A	88
<b>MAC15-48S3V3</b>	48Vdc	36-75Vdc	3.30	257	7mA	3.00A	81
<b>MAC15-48S05</b>	48Vdc	36-75Vdc	5.00	367	7mA	3.00A	85
<b>MAC15-48S07</b>	48Vdc	36-75Vdc	7.00	363	7mA	2.15A	86
<b>MAC15-48S12</b>	48Vdc	36-75Vdc	12.00	359	7mA	1.25A	87
<b>MAC15-48S15</b>	48Vdc	36-75Vdc	15.00	351	7mA	1.00A	89
<b>MAC15-48D05</b>	48Vdc	36-75Vdc	+/-5.00	372	7mA	1.50A	84
<b>MAC15-48D12</b>	48Vdc	36-75Vdc	+/-12.00	359	7mA	.625A	87
<b>MAC15-48D15</b>	48Vdc	36-75Vdc	+/-15.00	351	7mA	.500A	89


<b>DC-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output Voltage</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>15 Watt BRM15 WIDE INPUT VOLTAGE SERIES</b> 							
<b>BRM15-12S05RTH</b>		9-18Vdc	5Vdc			3000mA	81
<b>BRM15-12S12RTH</b>		9-18Vdc	12			1250mA	83
<b>BRM15-12S15RTH</b>		9-18Vdc	15			1000mA	83
<b>BRM15-12D12RTH</b>		9-18Vdc	+/-12.00			+/-625mA	83
<b>BRM15-12D15RTH</b>		9-18Vdc	+/-15.00			+/-500mA	83
<b>BRM15-24S05RTH</b>		18-36Vdc	5			3000mA	82
<b>BRM15-24S12RTH</b>		18-36Vdc	12			1250mA	84
<b>BRM15-24S15RTH</b>		18-36Vdc	15			1000mA	84
<b>BRM15-24D12RTH</b>		18-36Vdc	+/-12.00			+/-625mA	84
<b>BRM15-24D15RTH</b>		18-36Vdc	+/-15.00			+/-500mA	84
<b>BRM15-48S05RTH</b>		36-72Vdc	5			3000mA	83
<b>BRM15-48S12RTH</b>		36-72Vdc	12			1250mA	84
<b>BRM15-48S15RTH</b>		36-72Vdc	15			1000mA	84
<b>BRM15-48D12RTH</b>		36-72Vdc	+/-12.00			+/-625mA	84
<b>BRM15-48D15RTH</b>		36-72Vdc	+/-15.00			+/-500mA	84
<b>20 Watt MAC20 SINGLE, DUAL AND TRIPLE OUTPUTS SERIES</b> 							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output V1, V2, V3</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current Max</b>	<b>Efficiency Typ.</b>
<b>MAC20-12S2V5</b>	12Vdc	9-36Vdc	2.5	0.947	7mA	3.5	77
<b>MAC20-12S3V3</b>	12Vdc	9-36Vdc	3.30	1.213	7mA	3.5A	79
<b>MAC20-12S05</b>	12Vdc	9-36Vdc	5.00	1.626	7mA	3.2A	82


<b>DC-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output Voltage</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>Continued: 20 Watt MAC20 SINGLE, DUAL AND TRIPLE OUTPUTS SERIES</b>							
<b>MAC20-12S12</b>	12Vdc	9-36Vdc	12.00Vdc	1.587	7mA	1.33A	84
<b>MAC20-12S15</b>	12Vdc	9-36Vdc	15.00	1.569	7mA	1.06A	85
<b>MAC20-12T3D12</b>	12Vdc	9-36Vdc	3.3 & +/-12.00	1.646	7mA	2.9 & +/-2.6A	81
<b>MAC20-12T3D15</b>	12Vdc	9-36Vdc	3.3 & +/-15.00	1.626	7mA	2.9 & +/-2.2A	82
<b>MAC20-12T3D24</b>	12Vdc	9-36Vdc	3.3 & +/-24.00	1.606	7mA	2.9 & +/-1.4A	83
<b>MAC20-12T5D12</b>	12Vdc	9-36Vdc	5.0 & +/-12.00	1.606	7mA	2.6 & +/-2.6A	83
<b>MAC20-12T5D15</b>	12Vdc	9-36Vdc	5.0 & +/-15.00	1.587	7mA	2.6 & +/-2.2A	84
<b>MAC20-12T5D24</b>	12Vdc	9-36Vdc	5.0 & +/-24.00	1.569	7mA	2.6 & +/-1.4A	85
<b>MAC20-48S2V5</b>	48Vdc	18-75Vdc	2.50	0.298	7mA	4.5A	77
<b>MAC20-48S3V3</b>	48Vdc	18-75Vdc	3.30	0.391	7mA	4.5A	80
<b>MAC20-48S05</b>	48Vdc	18-75Vdc	5.00	0.502	7mA	4A	83
<b>MAC20-48S12</b>	48Vdc	18-75Vdc	12.00	0.490	7mA	1.67A	85
<b>MAC20-48S15</b>	48Vdc	18-75Vdc	15.00	0.484	7mA	1.33A	86
<b>MAC20-48T3D12</b>	48Vdc	18-75Vdc	3.3 & +/-12.00	0.508	7mA	3.6 & +/-3.3A	82
<b>MAC20-48T3D15</b>	48Vdc	18-75Vdc	3.3 & +/-15.00	0.502	7mA	3.6 & +/-2.7A	83
<b>MAC20-48T3D24</b>	48Vdc	18-75Vdc	3.3 & +/-24.00	0.496	7mA	3.6 & +/-1.7A	84
<b>MAC20-48T5D12</b>	48Vdc	18-75Vdc	5.0 & +/-12.00	0.496	7mA	3.2 & +/-3.3A	84
<b>MAC20-48T5D15</b>	48Vdc	18-75Vdc	5.0 & +/-15.00	0.490	7mA	3.2 & +/-2.7A	85
<b>MAC20-48T5D24</b>	48Vdc	18-75Vdc	5.0 & +/-24.00	0.484	7mA	3.2 & +/-1.7A	86

<b>C-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output Voltage</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>20 Watt SLV20 SINGLE OUTPUT SERIES</b> 							
<b>SLV20-12S1V8</b>	12Vdc	9-18Vdc	1.80	0.823	10mA	4.4	81
<b>SLV20-12S2V5</b>	12Vdc	9-18Vdc	2.50	0.992	10mA	4	84
<b>SLV20-12S3V3</b>	12Vdc	9-18Vdc	3.30	1.163	10mA	3.6	86
<b>SLV20-12S05</b>	12Vdc	9-18Vdc	5.00	1.498	10mA	3.2	89
<b>SLV20-24S1V8</b>	12Vdc	18-36Vdc	1.80	0.412	10mA	4.	81
<b>SLV20-24S2V5</b>	12Vdc	18-36Vdc	2.50	0.595	10mA	4.	84
<b>SLV20-24S3V3</b>	12Vdc	18-36Vdc	3.30	0.727	10mA	4.	86
<b>SLV20-24S05</b>	12Vdc	18-36Vdc	5.00	0.936	10mA	4.	89
<b>SLV20-48S1V8</b>	48Vdc	36-75Vdc	1.80	0.203	10mA	5.5	82
<b>SLV20-48S2V5</b>	48Vdc	36-75Vdc	2.50	0.294	10mA	4.8	85
<b>SLV20-48S3V3</b>	48Vdc	36-75Vdc	3.30	0.287	10mA	4.5	87
<b>SLV20-48S05</b>	48Vdc	36-75Vdc	5.00	0.463	10mA	4.	90
<b>20 Watt WRF20 SINGLE AND TRIPLE OUTPUT SERIES</b> 							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output V1, V2, V3</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>WRF20-12S3V3</b>	12Vdc	9-36Vdc	3.30	1.213	7mA	3.5A	79
<b>WRF20-12S05</b>	12Vdc	9-36Vdc	5.00	1.626	7mA	3.2A	82
<b>WRF20-12S12</b>	12Vdc	9-36Vdc	12.00	1.587	7mA	1.33A	84
<b>WRF20-12S15</b>	12Vdc	9-36Vdc	15.00	1.569	7mA	1.06A	85

<b>DC-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output V1, V3</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>Continued: 20 Watt WRF20 SINGLE AND TRIPLE OUTPUT SERIES</b>							
<b>WRF20-12T3D12</b>	12Vdc	9-36Vdc	3.3 & +/-12.00	1.646	7mA	3.3 & +/-500	81
<b>WRF20-12T3D15</b>	12Vdc	9-36Vdc	3.3 & +/-15.00	1.626	7mA	3.3 & +/-500	82
<b>WRF20-12T5D12</b>	12Vdc	9-36Vdc	3.3 & +/-15.00	1.626	7mA	3.3 & +/-500	83
<b>WRF20-12T5D15</b>	12Vdc	9-36Vdc	5.0 & +/-15.00	1.587	7mA	3.0 & +/-500	84
<b>WRF20-48S3v3</b>	48Vdc	18-75Vdc	3.30	0.391	7mA	4.5	80
<b>WRF20-48S05</b>	48Vdc	18-75Vdc	5.00	0.502	7mA	4	83
<b>WRF20-48S12</b>	48Vdc	18-75Vdc	12.00	0.490	7mA	1.67	85
<b>WRF20-48S15</b>	48Vdc	18-75Vdc	15.00	0.484	7mA	1.33	86
<b>WRF20-48T3D12</b>	48Vdc	18-75Vdc	3.3 & +/-12.00	0.508	7mA	3.3 & +/-500	82
<b>WRF20-48T3D15</b>	48Vdc	18-75Vdc	3.3 & +/-15.00	0.502	7mA	3.3 & +/-500	83
<b>WRF20-48T5D12</b>	48Vdc	18-75Vdc	5.0 & +/-12.00	0.496	7mA	3.0 & +/-500	84
<b>WRF20-48T5D15</b>	48Vdc	18-75Vdc	5.0 & +/-15.00	0.490	7mA	3.0 & +/-500	85
<b>25 Watt SFP25 SINGLE AND TRIPLE OUTPUT SERIES</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output V1, V3</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>SFP25-12S3V3</b>	12Vdc	9-18Vdc	3.30	1.375	7mA	4	80
<b>SFP25-12S05</b>	12Vdc	9-18Vdc	5.00	2.008	7mA	4	83
<b>SFP25-12S12</b>	12Vdc	9-18Vdc	12.00	1.961	7mA	1.7	85
<b>SFP25-12S15</b>	12Vdc	9-18Vdc	15.00	1.916	7mA	1.4	87

<b>DC-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output V1, V3</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>Continued: 25 Watt SFP25 SINGLE AND TRIPLE OUTPUT SERIES</b>							
<b>SFP25-12T3D12</b>	12Vdc	9-18Vdc	3.3 & +/-12.00	2.033	7mA	4.0 & +/- .625	82
<b>SFP25-12T3D15</b>	12Vdc	9-18Vdc	3.3 & +/-15.00	2.033	7mA	4.0 & +/- .625	82
<b>SFP25-12T5D12</b>	12Vdc	9-18Vdc	5.0 & +/-12.00	2.008	7mA	3.5 & +/- .625	83
<b>SFP25-12T5D15</b>	12Vdc	9-18Vdc	5.0 & +/-15.00	2.008	7mA	3.5 & +/-500	83
<b>SFP25-24S3V3</b>	24Vdc	18-75Vdc	3.30	0.859	7mA	5	80
<b>SFP25-24S05</b>	24Vdc	18-36Vdc	5.00	1.240	7mA	5	84
<b>SFP25-24S12</b>	24Vdc	18-36Vdc	12.00	1.211	7mA	2.1	86
<b>SFP25-24S15</b>	24Vdc	18-36Vdc	15.00	1.184	7mA	1.7	88
<b>SFP25-24T3D12</b>	24Vdc	18-36Vdc	3.3 & +/-12.00	1.255	7mA	4.0 & +/- .625	83
<b>SFP25-24T3D15</b>	24Vdc	18-36Vdc	3.3 & +/-15.00	1.255	7mA	4.0 & +/- .625	83
<b>SFP25-24T5D12</b>	24Vdc	18-36Vdc	5.0 & +/-12.00	1.240	7mA	3.5 & +/- .625	84
<b>SFP25-24T5D15</b>	24Vdc	18-36Vdc	5.0 & +/-15.00	1.240	7mA	3.5 & +/- .500	84
<b>SFP25-483V3</b>	48Vdc	36-75Vdc	3.30	0.419	7mA	5	82
<b>SFP25-48S05</b>	48Vdc	36-75Vdc	5.00	0.613	7mA	5	85
<b>SFP25-48S12</b>	48Vdc	36-75Vdc	12.00	0.599	7mA	2.1	87
<b>SFP25-48S15</b>	48Vdc	36-75Vdc	15.00	0.585	7mA	1.7	89
<b>SFP25-48T3D12</b>	48Vdc	36-75Vdc	3.3 & +/-12.00	0.620	7mA	4.0 & +/- .625	84
<b>SFP25-48T3D15</b>	48Vdc	36-75Vdc	3.3 & +/-15.00	0.620	7mA	4.0 & +/- .625	84
<b>SFP25-48T5D12</b>	48Vdc	36-75Vdc	5.0 & +/-12.00	0.613	7mA	3.5 & +/- .625	85
<b>SFP25-48T5D15</b>	48Vdc	36-75Vdc	5.0 & +/-15.00	0.613	7mA	3.5 & +/- .500	85

DC-DC CONVERTERS FROM ACUTE POWER							
Part Number	Input Voltage Nom.	Input Voltage Range	Output V1, V3	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
<b>30 Watt MAC30 SINGLE, DUAL AND TRIPLE OUTPUT SERIES</b> 							
MAC30-12S2V5	12Vdc	9-18Vdc	2.5	1.299	7mA	4.8A	77
MAC30-12S3V3	12Vdc	9-18Vdc	3.3	1.667	7mA	4.8A	80
MAC30-12S05	12Vdc	9-18Vdc	5	2.41	7mA	4.8A	83
MAC30-12S12	12Vdc	9-18Vdc	12	2.353	7mA	2.0A	85
MAC30-12S15	12Vdc	9-18Vdc	15	2.299	7mA	2.0A	87
MAC30-12T3D12	12Vdc	18-36Vdc	3.3 & +/-12.00	2.033	7mA	3.6 & +/- .33A	82
MAC30-12T3D15	12Vdc	18-36Vdc	3.3 & +/-15.00	2.008	7mA	3.6 & +/- .26A	83
MAC30-12T3D24	12Vdc	18-36Vdc	3.3 & +/-24.00	2.008	7mA	3.6 & +/- .17A	83
MAC30-12T5D12	12Vdc	18-36Vdc	5.0 & +/-12.00	2.381	7mA	3.2 & +/- .33A	84
MAC30-12T5D15	12Vdc	18-36Vdc	5.0 & +/-15.00	2.299	7mA	3.2 & +/- .26A	87
MAC30-12T5D24	12Vdc	18-36Vdc	5.0 & +/-24.00	2.299	7mA	3.2 & +/- .17A	87
MAC30-24S2V5	24Vdc	18-36Vdc	2.5	0.801	7mA	6.0A	78
MAC30-24S3V3	24Vdc	18-36Vdc	3.3	1.029	7mA	6.0A	81
MAC30-24S05	24Vdc	18-36Vdc	5	1.488	7mA	6.0A	84
MAC30-24S12	24Vdc	18-36Vdc	12	1.453	7mA	2.5A	86
MAC30-24S15	24Vdc	18-36Vdc	15	1.42	7mA	2.0A	88
MAC30-24T3D12	24Vdc	18-36Vdc	3.3 & +/-12.00	1.255	7mA	4.5 & +/- .42A	83
MAC30-24T3D15	24Vdc	18-36Vdc	3.3 & +/-15.00	1.24	7mA	4.5 & +/- .33A	84
MAC30-24T3D24	24Vdc	18-36Vdc	3.3 & +/-24.00	1.24	7mA	4.5 & +/- .21A	84
MAC30-24T5D12	24Vdc	18-36Vdc	5.0 & +/-12.00	1.24	7mA	4.0 & +/- .42A	85

DC-DC CONVERTERS FROM ACUTE POWER							
Part Number	Input Voltage Nom.	Input Voltage Range	Output V1, V3	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
<b>Continued: 30 Watt MAC30 SINGLE, DUAL AND TRIPLE OUTPUT SERIES</b>							
MAC30-24T5D15	24Vdc	18-36Vdc	5.0 & +/- 15.00	1.42	7mA	4.0 & +/- .33A	88
MAC30-24T5D24	24Vdc	18-36Vdc	5.0 & +/- 24.00	1.42	7mA	4.0 & +/- .21A	88
MAC30-48S2V5	48Vdc	36-75Vdc	2.5	0.396	7mA	6.0A	79
MAC30-483V3	48Vdc	36-75Vdc	3.3	0.508	7mA	6.0A	82
MAC30-48S05	48Vdc	36-75Vdc	5	0.735	7mA	6.0A	85
MAC30-48S12	48Vdc	36-75Vdc	12	0.718	7mA	2.5A	87
MAC30-48S15	48Vdc	36-75Vdc	15	0.702	7mA	2.0A	89
MAC30-48T3D12	48Vdc	36-75Vdc	3.3 & +/- 12.00	0.62	7mA	4.5 & +/- .42	84
MAC30-48T3D15	48Vdc	36-75Vdc	3.3 & +/- 15.00	0.599	7mA	4.5 & +/- .33	87
MAC30-48T3D24	48Vdc	36-75Vdc	3.3 & +/- 24.00	0.599	7mA	4.5 & +/- .21	87
MAC30-48T5D1212	48Vdc	36-75Vdc	5.0 & +/- 12.00	0.718	7mA	4.0 & +/- .42	87
MAC30-48T5D15	48Vdc	36-75Vdc	5.0 & +/- 15.00	0.702	7mA	4.0 & +/- .33	89
MAC30-48T5D24	48Vdc	36-75Vdc	5.0 & +/- 24.00	0.702	7mA	4.0 & +/- .21	89
<b>40 Watt SFP40 SINGLE AND TRIPLE OUTPUT SERIES </b>							
Part Number	Input Voltage Nom.	Input Voltage Range	Output V1, V3	Input Current @ FL	Input Current @ NL	Output Current	Efficiency Typ.
SFP40-12S2V5	12Vdc	9-18Vdc	2.5	1.623	7mA	6.0A	77
SFP40-12S3V3	12Vdc	9-18Vdc	3.30	2.083	7mA	6.0A	80
SFP40-12S05	12Vdc	9-18Vdc	5.00	3.012	7mA	6.0A	83
SFP40-12S12	12Vdc	9-18Vdc	12.00	2.941	7mA	2.5A	85
SFP40-12S15	12Vdc	9-18Vdc	15.00	2.907	7mA	2.0A	86




<b>DC-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output V1, V3</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b>Continued: 40 Watt SFP40 SINGLE AND TRIPLE OUTPUT SERIES</b>							
<b>SFP40-12D12</b>	12Vdc	9-18Vdc	+/- 12	2.941	7mA	+/-1.26A	85
<b>SFP40-12T3D12</b>	12Vdc	9-18Vdc	3.3 * +/- 12.00	2.541	7mA	4.8 & +/- .33A	82
<b>SFP40-12T3D15</b>	12Vdc	9-18Vdc	3.3 * +/- 15.00	2.510	7mA	4.8 & +/- .26A	83
<b>SFP40-12T3D24</b>	12Vdc	9-18Vdc	3.3 * +/- 24.00	2.510	7mA	4.8 & +/- .17A	83
<b>SFP40-12T5D12</b>	12Vdc	9-18Vdc	5.0 * +/- 12.00	2.976	7mA	4.8 & +/- .33A	84
<b>SFP40-12T5D15</b>	12Vdc	9-18Vdc	5.0 * +/- 15.00	2.874	7mA	4.8 & +/- .26A	87
<b>SFP40-12T5D24</b>	12Vdc	9-18Vdc	5.0 * +/- 24.00	2.874	7mA	4.8 & +/- .17A	87
<b>SFP40-24S2V5</b>	24Vdc	18-36Vdc	2.50	1.068	7mA	8	78
<b>SFP40-24S3V3</b>	24Vdc	18-36Vdc	3.30	1.358	7mA	8	81
<b>SFP40-24S05</b>	24Vdc	18-36Vdc	5.00	1.984	7mA	8.0A	84
<b>SFP40-24S12</b>	24Vdc	18-36Vdc	12.00	1.938	7mA	3.33A	86
<b>SFP40-24S15</b>	24Vdc	18-36Vdc	15.00	1.894	7mA	2.66A	88
<b>SFP40-24D12</b>	24Vdc	18-36Vdc	+/- 12	1.916	7mA	+/-1.66A	87
<b>SFP40-24T3D12</b>	24Vdc	18-36Vdc	3.3 * +/- 12.00	1.506	7mA	6.0 & +/- .75	83
<b>SFP40-24T3D15</b>	24Vdc	18-36Vdc	3.3 * +/- 15.00	1.488	7mA	6.0 & +/- .75	83
<b>SFP40-24T3D24</b>	24Vdc	18-36Vdc	5.0 * +/- 12.00	1.488	7mA	6.0 & +/- .375	84
<b>SFP40-24T5D12</b>	24Vdc	18-36Vdc	5.0 * +/- 15.00	1.961	7mA	6.0 & +/- .75	84

<b>DC-DC CONVERTERS FROM ACUTE POWER</b>							
<b>Part Number</b>	<b>Input Voltage Nom.</b>	<b>Input Voltage Range</b>	<b>Output V1, V3</b>	<b>Input Current @ FL</b>	<b>Input Current @ NL</b>	<b>Output Current</b>	<b>Efficiency Typ.</b>
<b><u>Continued: 40 Watt SFP40 SINGLE AND TRIPLE OUTPUT SERIES</u></b>							
<b>SFP40-24T5D15</b>	24Vdc	18-36Vdc	5.0 & +/- 15.00	1.894	7mA	6.0 & +/- .75A	88
<b>SFP40-24T5D24</b>	24Vdc	18-36Vdc	5.0 & +/- 24.00	1.894	7mA	6.0 & +/- .375A	88
<b>SFP40-48S2V5</b>	48Vdc	36-75Vdc	2.50	0.527	7mA	8	79
<b>SFP40-483V3</b>	48Vdc	36-75Vdc	3.30	0.671	7mA	8	82
<b>SFP40-48S05</b>	48Vdc	36-75Vdc	5.0	0.980	7mA	8.0A	85
<b>SFP40-48S12</b>	48Vdc	36-75Vdc	12.00	0.958	7mA	3.33A	87
<b>SFP40-48S15</b>	48Vdc	36-75Vdc	15.00	0.936	7mA	2.66A	89
<b>SFP40-48D12</b>	48Vdc	36-75Vdc	+/- 12	0.958	7mA	+/- 1.66A	87
<b>SFP40-48T3D12</b>	48Vdc	36-75Vdc	3.3 & +/- 12.00	0.744	7mA	6.0 & +/- .75A	84
<b>SFP40-48T3D15</b>	48Vdc	36-75Vdc	3.3 & +/- 15.00	0.718	7mA	6.0 & +/- .75A	87
<b>SFP40-48T3D24</b>	48Vdc	36-75Vdc	3.3 & +/- 24.00	0.718	7mA	6.0 & +/- .375A	87
<b>SFP40-48T5D12</b>	48Vdc	36-75Vdc	5.0 & +/- 12.00	0.958	7mA	6.0 & +/- .75A	87
<b>SFP40-48T5D15</b>	48Vdc	36-75Vdc	5.0 & +/- 15.00	0.936	7mA	6.0 & +/- .75A	89
<b>SFP40-48T5D24</b>	48Vdc	36-75Vdc	5.0 & +/- 24.00	0.936	7mA	6.0 & +/- .375A	89

## DC-DC CONVERTERS FROM ACUTE POWER

Part Number	INPUT VOLTAGE		Lin @ Vin NOM		OUTPUT V1,V2/V3	OUTPUT CURRENT/ FL	PO/W	OUTPUT OVP	TYPICAL EFFI- CIENCY
	NOM	RANGE	FL	NL					
<b>40 Watt MAC40 SINGLE,, DUAL AND TRIPLE OUTPUT SERIES</b>									
MAC40-12S2V5**	12Vdc	9-18Vdc	1.623	7mA	2.5	6	15	3.9V	77%
MAC40-12S3V3	12Vdc	9-18Vdc	2.083	7mA	3.3	6.0A	20	3.9V	80%
MAC40-12S05	12Vdc	9-18Vdc	3.012	7mA	5	6.0A	30	6.8V	83%
MAC40-12S12	12Vdc	9-18Vdc	2.941	7mA	12	2.5A	30	15V	85%
MAC40-12S15	12Vdc	9-18Vdc	2.907	7mA	15	2.0A	30	18V	86%
MAC40-12D12	12Vdc	9-18Vdc	2.941	7mA	+/-12	+/-1.26A	30	15V	85%
MAC40-12T3D12	12Vdc	9-18Vdc	2.541	7mA	3.3 & +/-12.00	4.8 % +/- .33A	25	3.9Vo1	82%
MAC40-12T3D15	12Vdc	9-18Vdc	2.51	7mA	3.3 & +/-15.00	4.8 % +/- .26A	25	3.9V1	83%
MAC40-12T3D24	12Vdc	9-18Vdc	2.51	7mA	3.3 & +/-24.00	4.8 % +/- .17A	25	3.9Vo1	83%
MAC40-12T5D12	12Vdc	9-18Vdc	2.976	7mA	5.0 & +/-12.00	4.8 % +/- .33A	30	6.8Vo1	84%
MAC40-12T5D15	12Vdc	9-18Vdc	2.874	7mA	5.0 & +/-15.00	4.8 % +/- .26A	30	6.8Vo1	87%
MAC40-12T5D24	12Vdc	9-18Vdc	2.874	7mA	5.0 & +/-24.00	4.8 % +/- .17A	30	6.8Vo1	87%
MAC40-24S2V5	24Vdc	18-36Vdc	1.068	7mA	2.5	8	20	3.9V	78%
MAC40-24S3V3	24Vdc	18-36Vdc	1.358	7mA	3.3	8	26.4	3.9V	81%
MAC40-24S05	24Vdc	18-36Vdc	1.984	7mA	5	8.0A	40	6.8V	84%
MAC40-24S12	24Vdc	18-36Vdc	1.938	7mA	12	3.33A	40	15V	86%
MAC40-24S15	24Vdc	18-36Vdc	1.894	7mA	15	2.66A	40	18V	88%
MAC40-24D12	24Vdc	18-36Vdc	1.916	7mA	+/-12	+/-1.66A	40	15V	87%
MAC40-24T3D12	24Vdc	18-36Vdc	1.506	7mA	3.3 & +/-12.00	6.00 & +/- .75	30	3.9Vo1	83%
MAC40-24T3D15	24Vdc	18-36Vdc	1.488	7mA	3.3 & +/-15.00	6.00 & +/- .75	30	3.9Vo1	84%
MAC40-24T3D24	24Vdc	18-36Vdc	1.488	7mA	3.3 & +/-24.00	6.00 & +/- .375A	30	3.9Vo1	84%
MAC40-24T5D12	24Vdc	18-36Vdc	1.961	7mA	5.0 & +/-12.00	6.00 & +/- .75A	40	6.8Vo1	85%
MAC40-24T5D15	24Vdc	18-36Vdc	1.894	7mA	5.0 & +/-15.00	6.00 & +/- .75A	40	6.8Vo1	88%
MAC40-24T5D24	24Vdc	18-36Vdc	1.894	7mA	5.0 & +/-24.00	6.00 & +/- .375A	40	6.8Vo1	88%
MAC40-48S2V5	48Vdc	36-75Vdc	0.527	7mA	2.5	8	20	3.9V	79%
MAC40-483V3	48Vdc	36-75Vdc	0.671	7mA	3.3	8	26.4	3.9V	82%

## DC-DC CONVERTERS FROM ACUTE POWER

Part Number	INPUT VOLTAGE		Lin @ Vin NOM		OUTPUT V1,V2/V3	OUTPUT CURRENT/ FL	PO/W	OUTPUT OVP	TYPICAL EFFI- CIENCY
	NOM	RANGE	FL	NL					
<b>Continued: 40 Watt MAC40 SINGLE,, DUAL AND TRIPLE OUTPUT SERIES</b>									
MAC40-48S05	48Vdc	36-75Vdc	0.98	7mA	5	8.0A	40	6.8V	85%
MAC40-48S12	48Vdc	36-75Vdc	0.958	7mA	12	3.33A	40	15V	87%
MAC40-48S15	48Vdc	36-75Vdc	0.936	7mA	15	2.66A	40	18V	89%
MAC40-48D12	48Vdc	36-75Vdc	0.958	7mA	+/-12	+/-1.66A	40	15V	87%
MAC40-48T3D12	48Vdc	36-75Vdc	0.744	7mA	3.3 & +/-12.00	6.0 & +/--.75	30	3.9Vo1	84%
MAC40-48T3D15	48Vdc	36-75Vdc	0.718	7mA	3.3 & +/-15.00	6.0 & +/--.75	30	3.9Vo1	87%
MAC40-48T3D24	48Vdc	36-75Vdc	0.718	7mA	3.3 & +/-24.00	6.0 & +/--.375A	30	3.9Vo1	87%
<b>40 Watt SMM40 Single Output, "Synchronous Miniature Module"™ SERIES</b> 									
SMM40-12S1V5**	12Vdc	9-18Vdc	0.0962	10mA	1.5	6	9	3.6V	78%
SMM40-12S1V8**	12Vdc	9-18Vdc	1.16	10mA	1.8	6	11	3.6	79%
SMM40-12S2V5**	12Vdc	9-18Vdc	1.524	10mA	2.5	6	15	3.6	82%
SMM40-12S3V3**	12Vdc	9-18Vdc	1.961	10mA	3.3	6	20	3.9	85%
SMM40-12S05**	12Vdc	9-18Vdc	2.841	10mA	6	5	30	6.8	88%
SMM40-24S1V5**	24Vdc	18-36Vdc	0.641	10mA	1.5	8	12	3.6	78%
SMM40-24S1V8**	24Vdc	18-36Vdc	0.738	10mA	1.8	8	14	3.6	79%
SMM40-24S2V5**	24Vdc	18-36Vdc	1.016	10mA	2.5	8	20	3.6	82%
SMM40-24S3V3**	24Vdc	18-36Vdc	1.275	10mA	3.3	8	26	3.9	85%
SMM40-24S05**	24Vdc	18-36Vdc	1.894	10mA	5	8	40	6.8	88%
SMM40-24S06**	24Vdc	18-36Vdc	1.873	10mA	6	6.6	40	6.8	89%
SMM40-48S1V5**	48Vdc	36-75Vdc	0.316	10mA	1.5	8	12	3.6	79%
SMM40-48S1V8**	48Vdc	36-75Vdc	0.365	10mA	1.8	8	14	3.6	80%

## DC-DC CONVERTERS FROM ACUTE POWER

Part Number	INPUT VOLTAGE		Lin @ Vin NOM		OUTPUT V1,V2/V3	OUTPUT CURRENT/ FL	PO/W	OUTPUT OVP	TYP % EFF
	NOM	RANGE	FL	NL					
<b>Continued: 40 Watt SMM40 Single Output, "Synchronous Miniature Module" SERIES</b>									
<b>SMM40-48S2V5**</b>	48Vdc	36-75Vdc	0.502	10mA	2.5	8	20	3.6	83%
<b>SMM40-48S3V3**</b>	48Vdc	36-75Vdc	0.63	10mA	3.3	8	26	3.9	86%
<b>SMM40-48S05**</b>	48Vdc	36-75Vdc	0.936	10mA	5	8	40	6.8	89%
<b>SMM40-48S06**</b>	48Vdc	36-75Vdc	0.926	10mA	6	6.6	40	6.8	90%

QMM150 SERIES 1/8 BRICK SIZE DC-DC, DUAL ISOLATED OUTPUTS							
DC Input		Output Type	Output options				
QMM150					V1/V2		Singles
		24 (18-36Vin)		Dual	5.0@15A	5.0@15A	5.0@30A
			3.3@20A		3.3@20A	3.3@40A	
			2.5@25A		2.5@25A	2.5@50A	
			1.8@25A		1.8@25A	1.8@50A	
		48 (36-75Vin)		Single	1.2@25A	1.2@25A	1.2@50A
			0.9@25A		0.9@25A	0.9@50A	

## AC-DC CONVERTERS FROM ACUTE POWER

Part Number	Output Voltage	Output Current(A)			Ripple & Noise	Voltage Accuracy	Line Reg.	Load Reg.	O/P Power	Eff.Typ.
		MIN	RATED	MAX						
<b>40Watt BRS40 Watt Dual, Triple Output AC-DC Open Frame Converter</b> 										
<b>BRS40-UD0512R</b>	5V (V1)	0.4	3.2	5	50	+/-3%	+/-1%	+/-3%	40.0W	77%
	12V(V2)	0.2	2	2.5	120	+/-4%	+/-2%	+/-5%	40.0W	77%
<b>BRS40-UD0524R</b>	5V (V1)	0.4	3.2	5	50	+/-3%	+/-1%	+/-3%	40.0W	78%
	24V (V2)	0.2	1	1.5	240	+/-4%	+/-2%	+/-5%	40.0W	78%
<b>BRS40-UD05S12R</b>	5V (V1)	0.4	3	5	50	+/-3%	+/-1%	+/-3%	40.5W	75%
	12V (V2)	0.2	2	2.5	50	+/-4%	+/-2%	+/-5%	40.5W	75%
	-5V (V3)	0	0.3	0.5	50	+/-3%	+/-1%	+/-1%	40.5W	75%
<b>BRS40-US05D12R</b>	5V(V1)	0.4	3.2	5	N/A	+/-3%	+/-1%	+/-3%	42.6W	75%
	12V (V2)	0.2	2	2.5	N/A	+/-4%	+/-2%	+/-5%	42.6W	75%
	-12V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	42.6W	75%
<b>BRS40-UD15S05R</b>	5V(V1)	0.4	3	5	N/A	+/-3%	+/-1%	+/-3%	42.0W	75%
	15V (V2)	0.2	1.5	2.3	N/A	+/-4%	+/-2%	+/-5%	42.0W	75%
	-15V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	42.0W	75%
<b>BRS40-U052412R</b>	5V(V1)	0.4	3	5	N/A	+/-3%	+/-1%	+/-3%	42.6W	75%
	24V (V2)	0.2	1	1.5	N/A	+/-4%	+/-2%	+/-5%	42.6W	75%
	-12V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	42.6W	75%
<b>BRS40-UD05S24R</b>	5V(V1)	0.4	3	5	N/A	+/-3%	+/-1%	+/-3%	40.5W	75%
	24V (V2)	0.2	1	1.5	N/A	+/-4%	+/-2%	+/-5%	40.5W	75%
	-5V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	40.5W	75%
<b>BRS40-U052412R</b>	5V(V1)	0.4	3	5	N/A	+/-3%	+/-1%	+/-3%	42.6W	75%
	24V (V2)	0.2	1	1.5	N/A	+/-4%	+/-2%	+/-5%	42.6W	75%
	-12V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	42.6W	75%
<b>BRS40-U030512R</b>	3.3V(V1)	0.4	5	7	N/A	+/-3%	+/-1%	+/-3%	30.0W	70%
	5V (V2)	0.2	2	3.5	N/A	+/-4%	+/-2%	+/-5%	30.0W	70%
	-12V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	30.0W	70%
<b>BRS40-UD05S24R</b>	5V(V1)	0.4	3	5	N/A	+/-3%	+/-1%	+/-3%	40.5W	75%
	24V (V2)	0.2	1	1.5	N/A	+/-4%	+/-2%	+/-5%	40.5W	75%
	-5V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	40.5W	75%
<b>BRS40-U052412R</b>	5V(V1)	0.4	3	5	N/A	+/-3%	+/-1%	+/-3%	42.6W	75%
	24V (V2)	0.2	1	1.5	N/A	+/-4%	+/-2%	+/-5%	42.6W	75%
	-12V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	42.6W	75%
<b>BRS40-U030512R</b>	3.3V(V1)	0.4	5	7	N/A	+/-3%	+/-1%	+/-3%	30.0W	70%
	5V (V2)	0.2	2	3.5	N/A	+/-4%	+/-2%	+/-5%	30.0W	70%
	-12V(V3)	0	0.3	0.5	N/A	+/-3%	+/-1%	+/-1%	30.0W	70%

## AC-DC CONVERTERS FROM ACUTE POWER

ICI40-60 Watt, Single Output, AC-DC Open Frame converter



Part Number	Output Voltage	MAX Load	MIN Load	Ripple & Noise	Voltage Acc.	Line Reg.	Load Reg.	Efficiency
ICI040-S03-01	3.3	6	0	150	+/-1	+/-0.5	+/-1	74
ICI040-S05-01	5	6	0	150	+/-1	+/-0.5	+/-1	78
ICI040-S09-01	9	4.45	0	150	+/-1	+/-0.5	+/-1	82
ICI040-S12-01	12	3.34	0	150	+/-1	+/-0.5	+/-1	84
ICI040-S15-01	15	2.67	0	150	+/-1	+/-0.5	+/-1	85
ICI040-S24-01	24	1.67	0	150	+/-1	+/-0.5	+/-1	86
ICI040-S30-01	30	1.33	0	150	+/-1	+/-0.5	+/-1	86
ICI040-S36-01	36	1.11	0	150	+/-1	+/-0.5	+/-1	87
ICI040-S48-01	48	0.834	0	150	+/-1	+/-0.5	+/-1	88
ICI060-S03-01	3.3	8	0	150	+/-1	+/-0.5	+/-1	75
ICI060-S05-01	5	8	0	150	+/-1	+/-0.5	+/-1	78
ICI060-S09-01	9	6.67	0	150	+/-1	+/-0.5	+/-1	82
ICI060-S12-01	12	5	0	150	+/-1	+/-0.5	+/-1	84
ICI060-S15-01	15	4	0	150	+/-1	+/-0.5	+/-1	85
ICI060-S24-01	24	2.5	0	150	+/-1	+/-0.5	+/-1	86
ICI060-S30-01	30	2	0	150	+/-1	+/-0.5	+/-1	86
ICI060-S36-01	36	1.67	0	150	+/-1	+/-0.5	+/-1	87
ICI060-S48-01	48	1.25	0	150	+/-1	+/-0.5	+/-1	88

## AC-DC CONVERTERS FROM ACUTE POWER

## AC-DC 100-130WATT OPEN FRAME, SINGLE &amp; MULTIPLE OUTPUTS



Part Number	Output Voltage	Output Power	Output Current		Ripple & Noise
			Convection Cooled	Max 18 CFM	
	V	W			MVP-p
ICI-100-S03-01	3.3	100	25.0A	30.0A	150
ICI-130-S05-01	5	130	20.0A	26.0A	150
ICI-130-S12-01	12	130	9.0A	10.8A	150
ICI-130-S15-01	15	130	7.0A	8.7A	150
ICI-130-S24-01	24	130	4.5A	5.4A	150
ICI-130-S48-01	48	130	2.3A	2.7A	150
ICI-130-T051212-01	5	130	11.5A	15.0A	150
	12		3.0A	4.0A	150
	-12		0.5A	0.5A	150
ICI-130-T0305P12-01	3.3	130	10.0A	15.0A	150
	5		8.0A	15.0A	150
	12		0.5A	0.5A	150



