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# MIL-Grade Power Solutions



- since 1961 -



## AC/DC

Converter

Series	Features Highlight
MW	400 Watts Single Output, 90 to 265 Vac Input, Single Phase
NW	25 - 50 Watts Single & Dual Outputs, 90 - 130 Vac Input, 47 - 440Hz, Single Phase
HM	200 - 800 Watts Single Output, 90 - 260 Vac Input, 1 to 3 Phase
PFC	100 - 1000 Watts Single Output, 85 to 265 Vac Input, Single Phase
AM, AW, RM, RW	20 - 200 Watts Single, Dual & Triple Outputs, 90 - 260 Vac Input, 47 - 440 Hz, 1 to 3 Phase
LV, LLV	12 - 210 Watts Single & Dual Outputs, 105 -125 Vac, 55 - 65 Hz or 380 - 420 Hz, Single Phase
M	300 Watts Single and Triple Outputs, 103.5 - 126.5 Vac Input, 47 - 440 Hz, Single Phase.
MH	500 Watts, Single Output, 110 & 230 Vac Input, 47 - 440 Hz, Single Phase.
W & WW	1.8 - 280 Watts, Single & Dual Outputs, 105 - 125 Vac Input, 380 - 420 Hz, Single Phase
WL, WWL	48 - 420 Watts, 105 - 125 Vac, Single & Dual DC Outputs, 380 - 420 Hz, Single Phase.

## DC/DC

Converter

Series	Features Highlight
CB	5 - 225 Watts Single, Dual & Triple Outputs, 14 - 40 Vdc Input
NL	50 - 150 Watts Single, Dual & Triple Outputs, 9 - 18 Vdc Input
NH	50 - 150 Watts Single, Dual & Triple Outputs, 200 - 400 Vdc Input
NB	15 - 150 Watts Single, Dual & Triple Outputs, 14 - 40 Vdc Input
SM	50 - 280 Watts Single & Dual Outputs, 18 - 36 & 200 - 400 Vdc Input
AB,AW,AM, RB,RW,RM	20 - 200 Watts Single, Dual & Triple Outputs 14 - 300 Vdc Input
B & BL	2 - 170 Watts Single Output, 24 - 30 Vdc Input
C & CC	3 - 210 Watts Single & Dual Outputs, 24 - 30 Vdc Input

► Industrial or MIL Grade

On board or Chassis Mount

## DC/AC

Inverter

Series	Features Highlight
S	5 - 60 Watts, 27 Vac or 115 Vac Single Output, 400 -1600 Hz Output Frequency, 24 - 30 Vdc Input to AC Sine Wave Output
SN	180 Watts Single Output, 400 - 1600 Hz Output Frequency, 24 - 30 Vdc Input to AC Sine Wave Output

## Semi-Custom & Full Custom

Converter Line

Martek Power Abbott's COTS approach to Custom converters offers design engineers flexible solutions with the benefits of low cost, quick turn around time, choices of available added features, proven engineering circuits and methods.

Outputs can range from 2 - 400 Vdc, 27 - 220 Vac, and 500 - 1600 Hz. A wide variety of inputs can be accommodated including DC from 9 - 400 Vdc, and AC from 85 - 265 Vac Single or Three Phase, 47 - 440 Hz.

All units are designed with OVERTEMP OVP SCP environmentally sealed, meeting Mil-Std-461 EMI and Mil-Std-810 Environmental.

COTS or Full MIL Components

