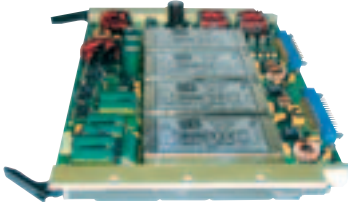




Standard modules



Custom products



Description

With a complete range of AC/DC, DC/DC, and DC/AC standard modules, Martek Power designs and produces modified standard products and full custom products. The applications are both for military and civil sectors.

Military Products

DC/DC converters			
Series	Power (Watt)	Input	Outputs
CB *	5-75	16-40 VDC	Output voltages; 2, 3.3, 5, 5.2, 12, 15, 24, 28, 48 VDC Available with 1, 2 or 3 outputs depending on versions
NL *	50-150	9-18 VDC	
NH *	50-150	200-400 VDC	
NB *	15-150	14-40 VDC	
HSM200S	200	200-400 VDC	
SM	50-280	18-36 & 200-400 VDC	
AB & RB	20-200	14-32 VDC	
AW & RW	20-200	90-160 VDC	
AM & RM	50-100	100-300 VDC	

AC/DC Power Supplies				
Series	Power (Watt)	Input		Outputs
		Voltage	Frequency (kHz)	
NW	25-50	90-130 VAC	47-440 single phase	Output voltages; 2, 3.3, 5, 5.2, 12, 15, 24, 28, 48 VDC Available with 1, 2 or 3 outputs depending on versions
AW & RW	20-200	103-127 VAC	47-440 single phase	
AM & RM	50-100	90-130 VAC 180-260 VAC	47-440 single phase Triple phase	
M	300	103.5-126.5 VAC	47-440 single phase	
MH	500	110 & 230 VAC	47-440 single phase	
PFC*	500-1000	85-265 VAC	47-630 single phase	
HM	200-800	90-260 VAC	1 to 3 phases	270 VDC

DC/AC Inverters			
Series	Power (Watt)	Input	Outputs
S	5-60	24-30 VDC	27 or 115 VAC, 400-1600 Hz, sine wave
SN	180, 350 on request	24-30 VDC	400-1600 Hz, sine wave

* Also available in industrial version



Industrial Products

DC/DC converters									
Series	Power (Watt)	Package		Input					Outputs
		Non-encapsulated	Encapsulated	5V	12V	24V	48V	Other	
HFS	1 to 2		x	x	x	x			Available with output voltages: 3.3, 5, 9, 12, 15, ±5, ±9, ±12, ±15 VDC and with 1, 2 or 3 outputs depending on versions
WFS	2 to 3		x	x	x	x	x		
WFR	3 to 5		x		x	x	x		
HN	8 to 10	x			x	x	x	4 to 1	
HN	10 to 15	x		x	x	x	x		
LN	10 to 15	x					x		
HN	17 to 25	x			x	x	x		
LN	17 to 25	x					x		
HN	27	x			x		x		
HN	26 to 40	x			x	x	x		
HDI	33 to 60		x		x	x	x		
HDI	50 to 75		x			x	x		
MCS	72 to 144		x		x	x	x	72 & 110 VDC	
MR	20 to 144		x		x	x	x	4 to 1	
ECS	144	x				x	x	72 & 110 VDC	
PVD	230	x					x	5, 12 VDC	
PS	1400	x					x	5, 48 VDC	

Industrial Products

For more information concerning full custom AC/DC, DC/DC, PFC products, please contact our sales representatives.

We can ensure:

- Engineering & development
- Manufacturing according to
 - ISO 9001-2000
 - IPC 610
 - EN 9100 (current)

Applicable Norms

According to product references:

NOTES

1. Specifications subject to change without notification

Item	Reference	Compliance
EMC & transients	MIL STD 461	X
	MIL STD 704-D	X
	MIL STD 704-E	X
	MIL STD 1275	X
	DO 160	X
	ABD 100	X
	AMD 24	X
	Stanag	X
	EG 13	X
Mechanical	MIL STD 810 E	X
	MIL STD 202	X