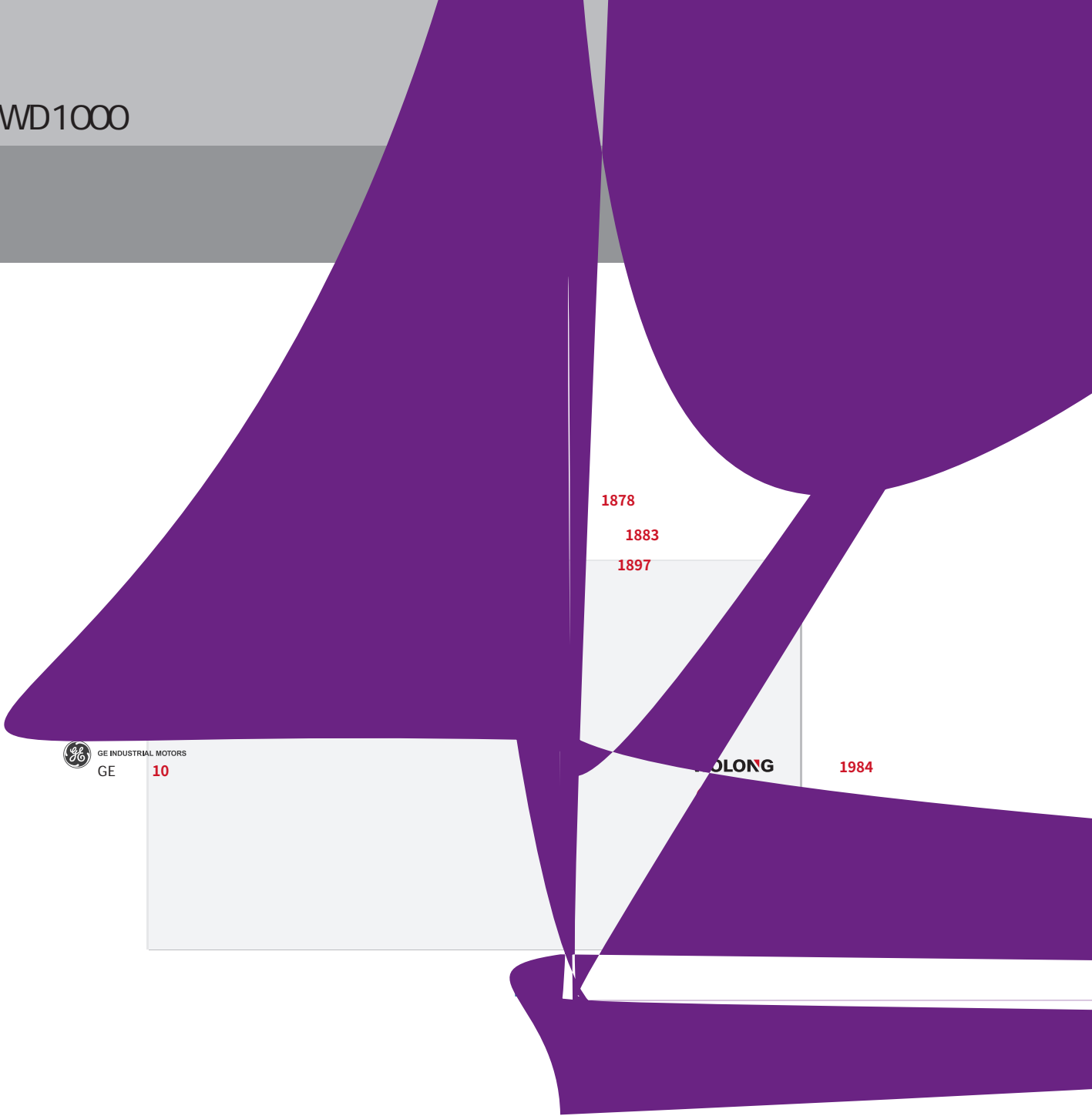


The image features a large, abstract geometric composition. On the left, a large red triangle points downwards. This triangle is partially overlaid by a horizontal white band that tapers to the right. Below this white band is another red shape, also tapering to the right. On the right side, a dark grey triangle points upwards, meeting the other shapes at a point. The overall effect is a dynamic, layered geometric design.

WD1000



1878

1883

1897

 GE INDUSTRIAL MOTORS
GE 10

OLONG

1984



[Red box]

- 0.5%
- SVG 100%
-
- 12/24/36/48

[Red box]

-
- 20%

GCU

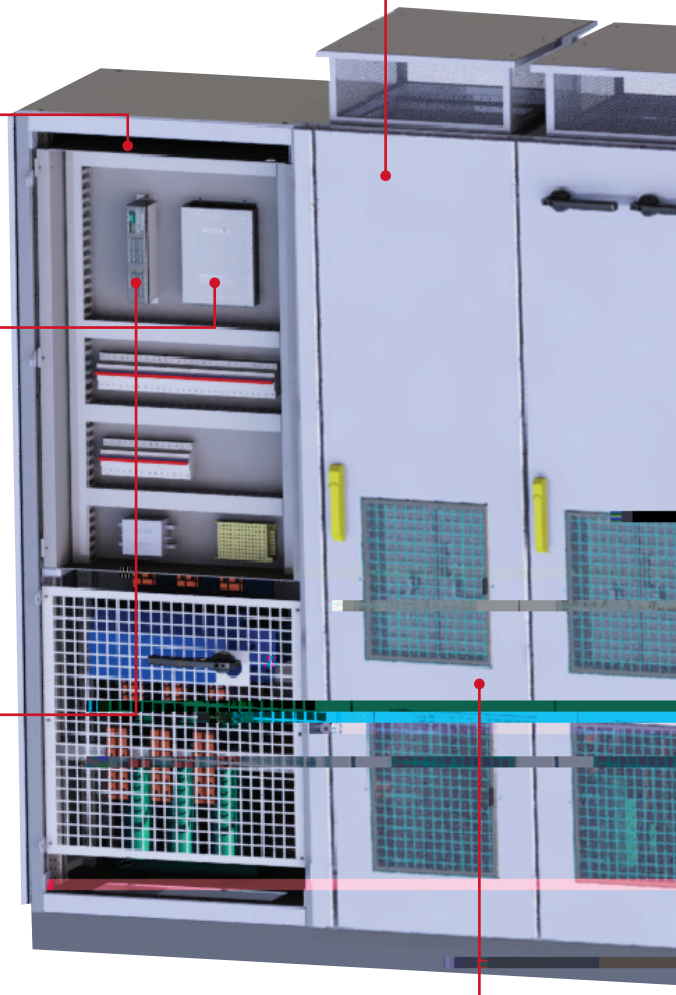
- CPU 1GHz
- 1.6Gbps 6 200Mbps
- 4 FOC 10 V/F
- 11 50Mbps
-

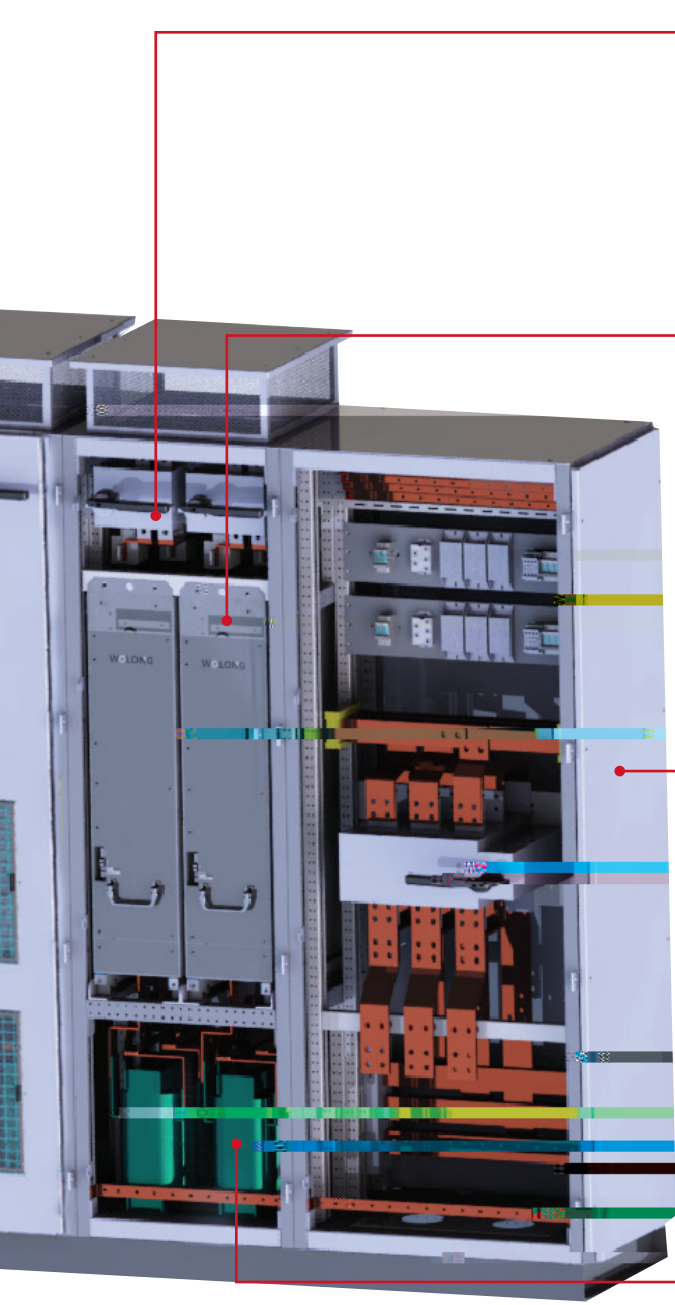
POCU

- 11 200MHz 10
- POCU 6MW
-

[Red box]

-
-
-





[Red box]

-
-

[Red box]

-
-
-

380V/690V

/
UPS

PCS SVG

10

5ns

-

[Red box]

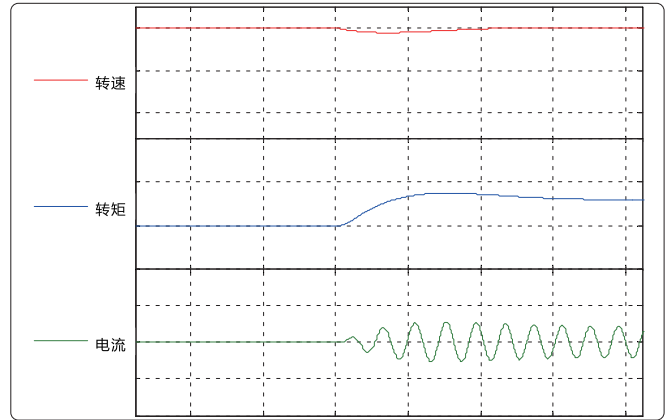
-
-
-
-

30%

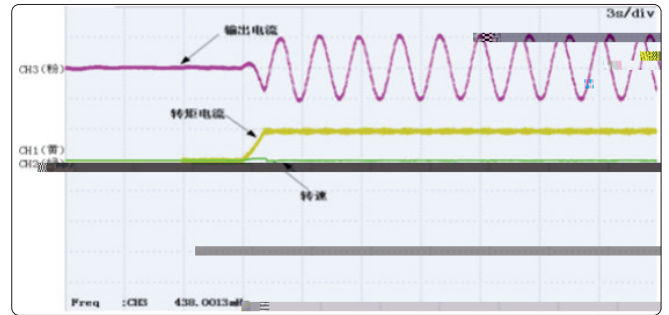
[Red box]

-
-

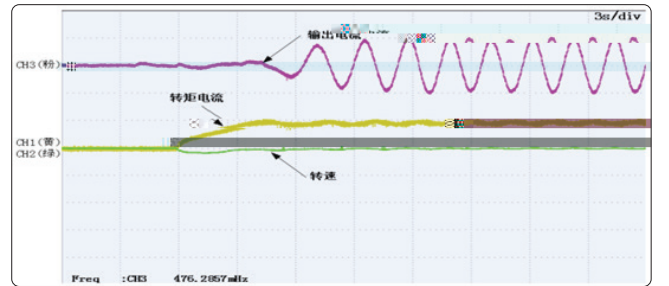
1.



2ms

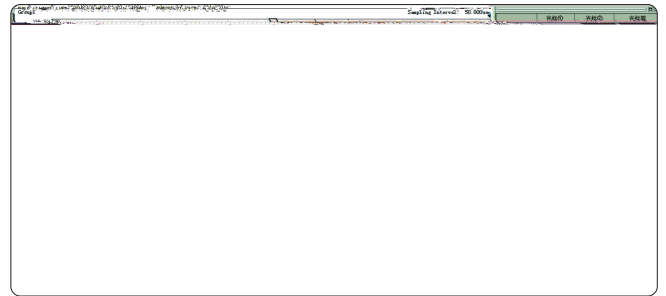


150% ~ 250%



FPGA

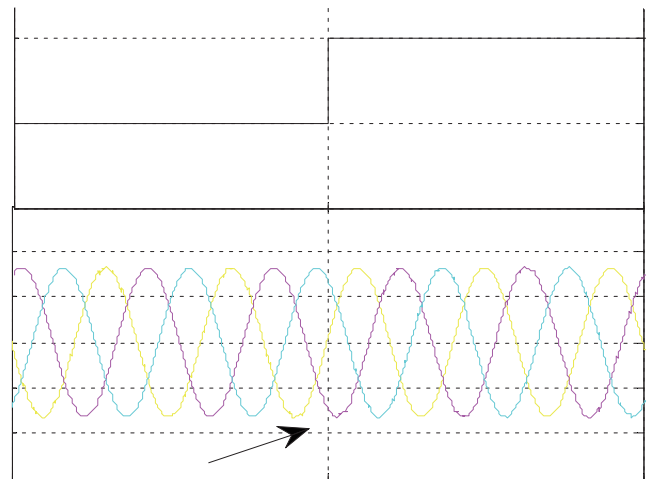
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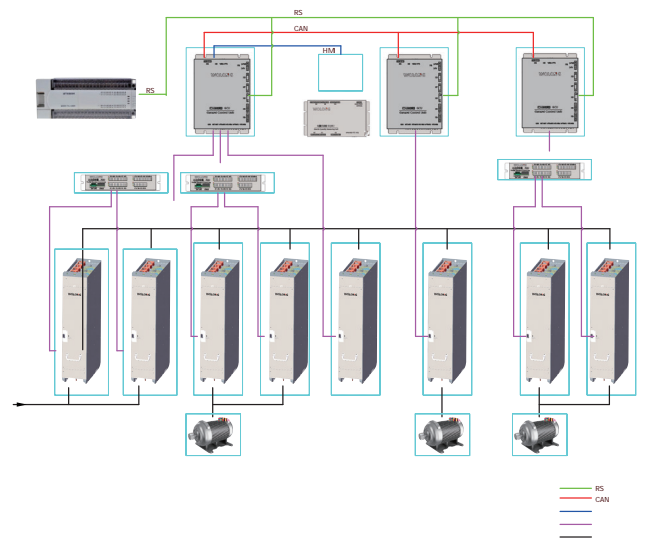


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-
- SVC 0.5Hz 150%
- 10 V/F V/F 4
-
-
-
-
-
-
-



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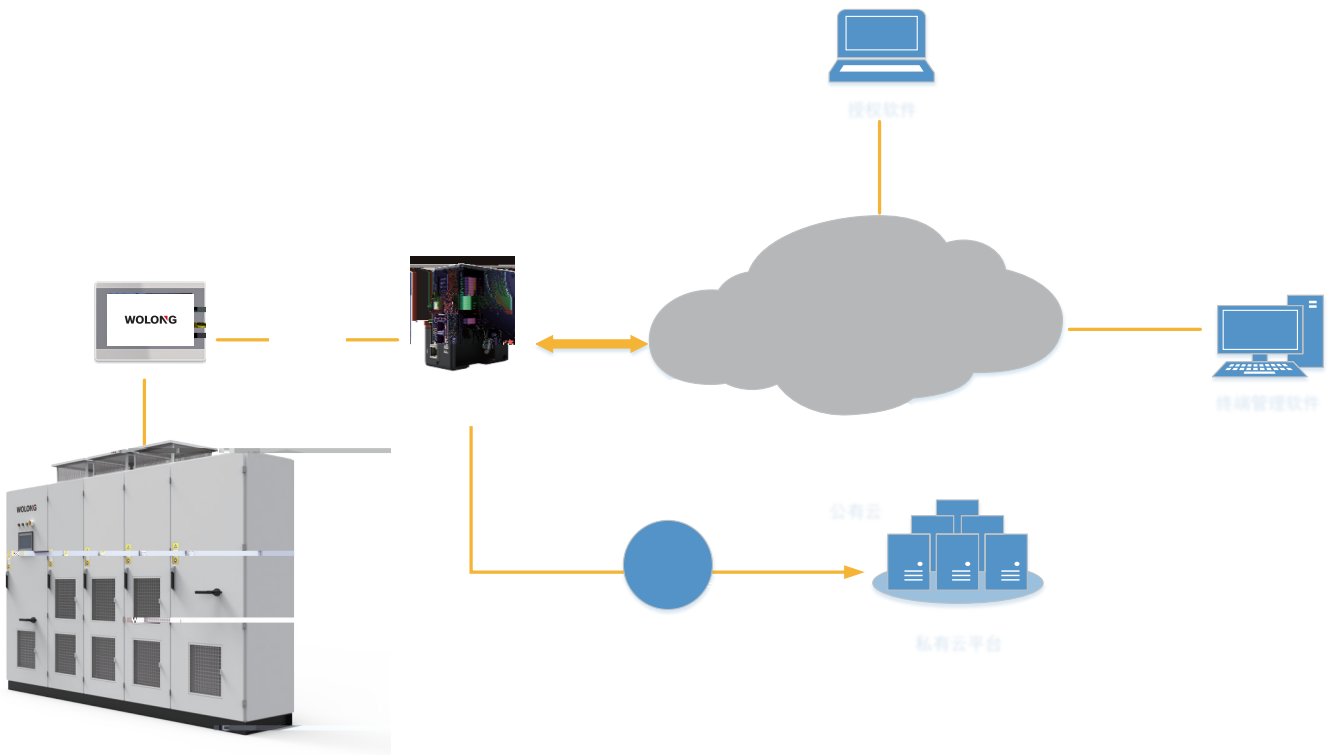
3

HMI

HMI

LCD

-
-
-
- 485
- 422
- ModbusTCP
- ModbusRTU
- PLC
- ABB
-
-
-
-
- 2G 4G WIFI



PC

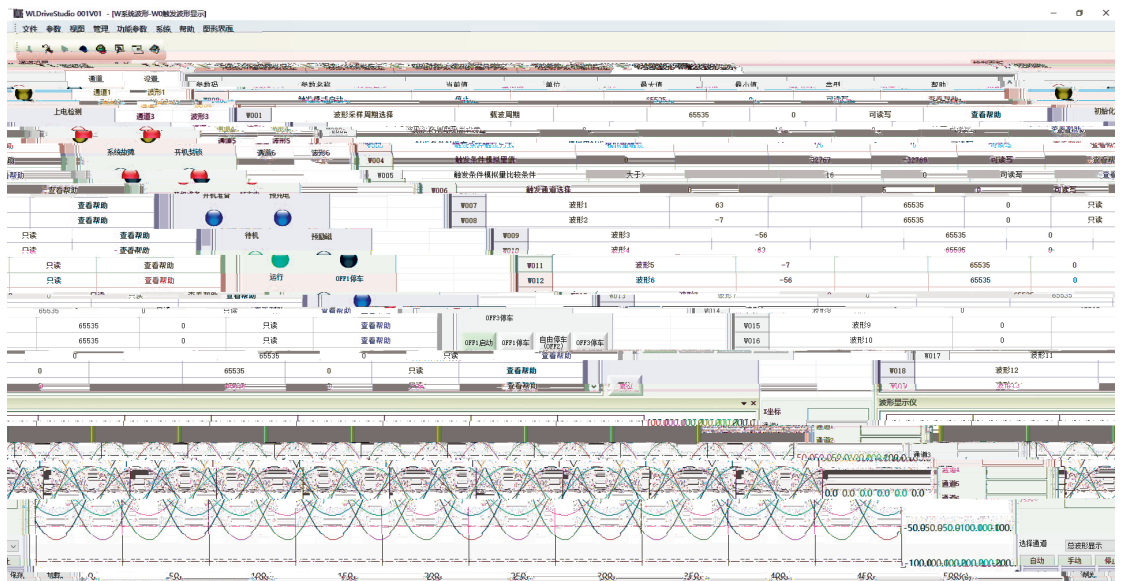
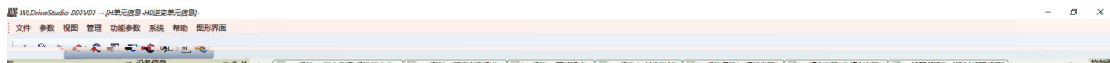
WLDriveStudio

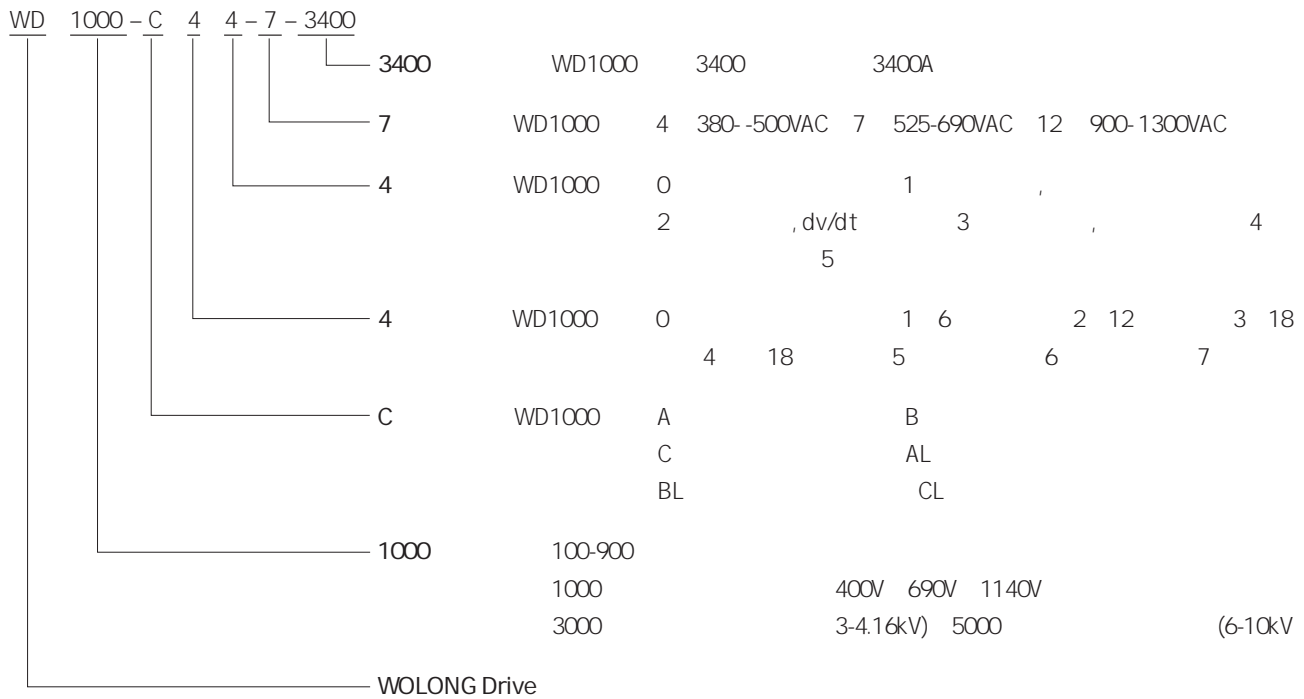
- WD1000

30

6

- WinXP





WD1000-C44-7-3400

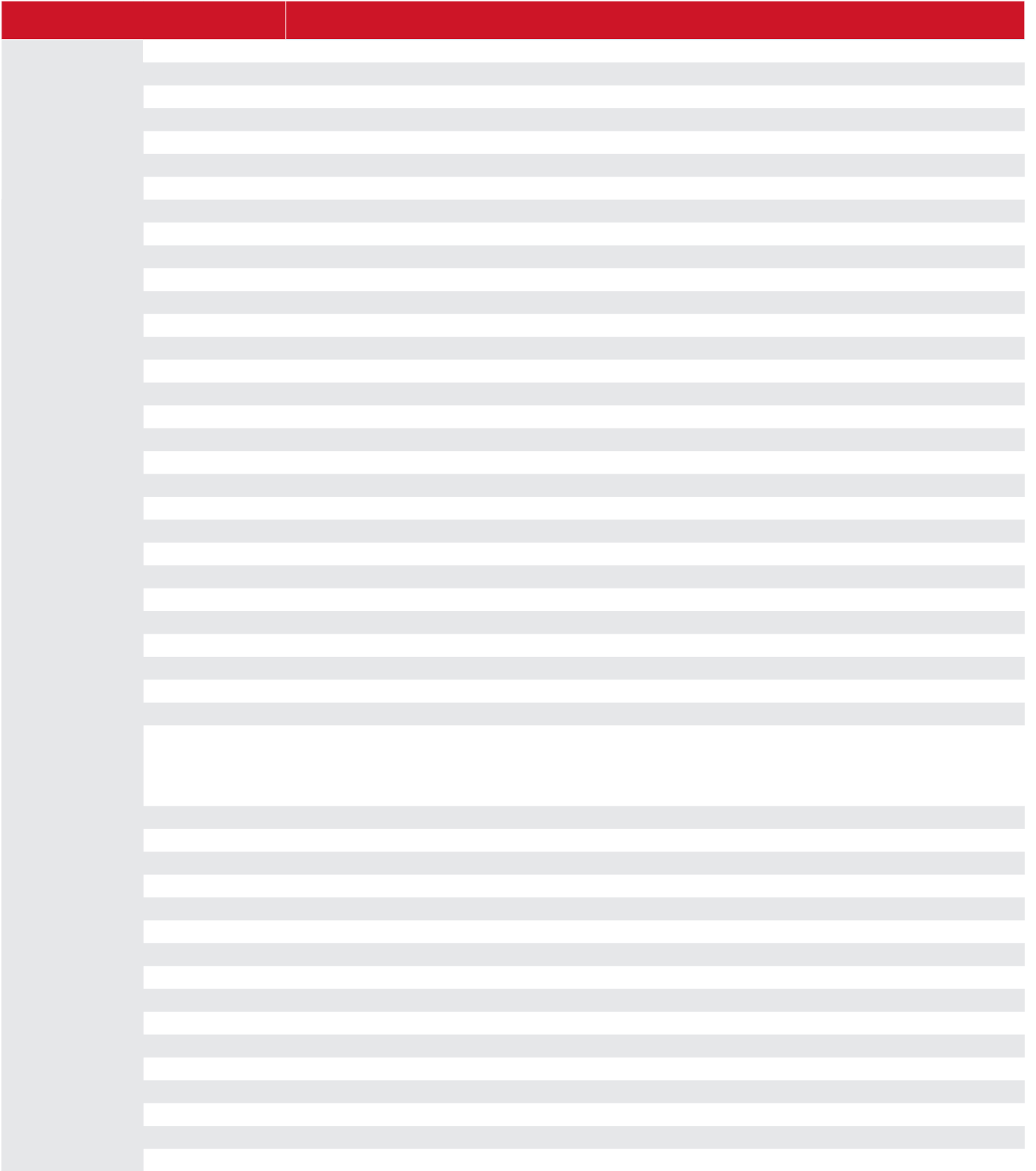
WD1000

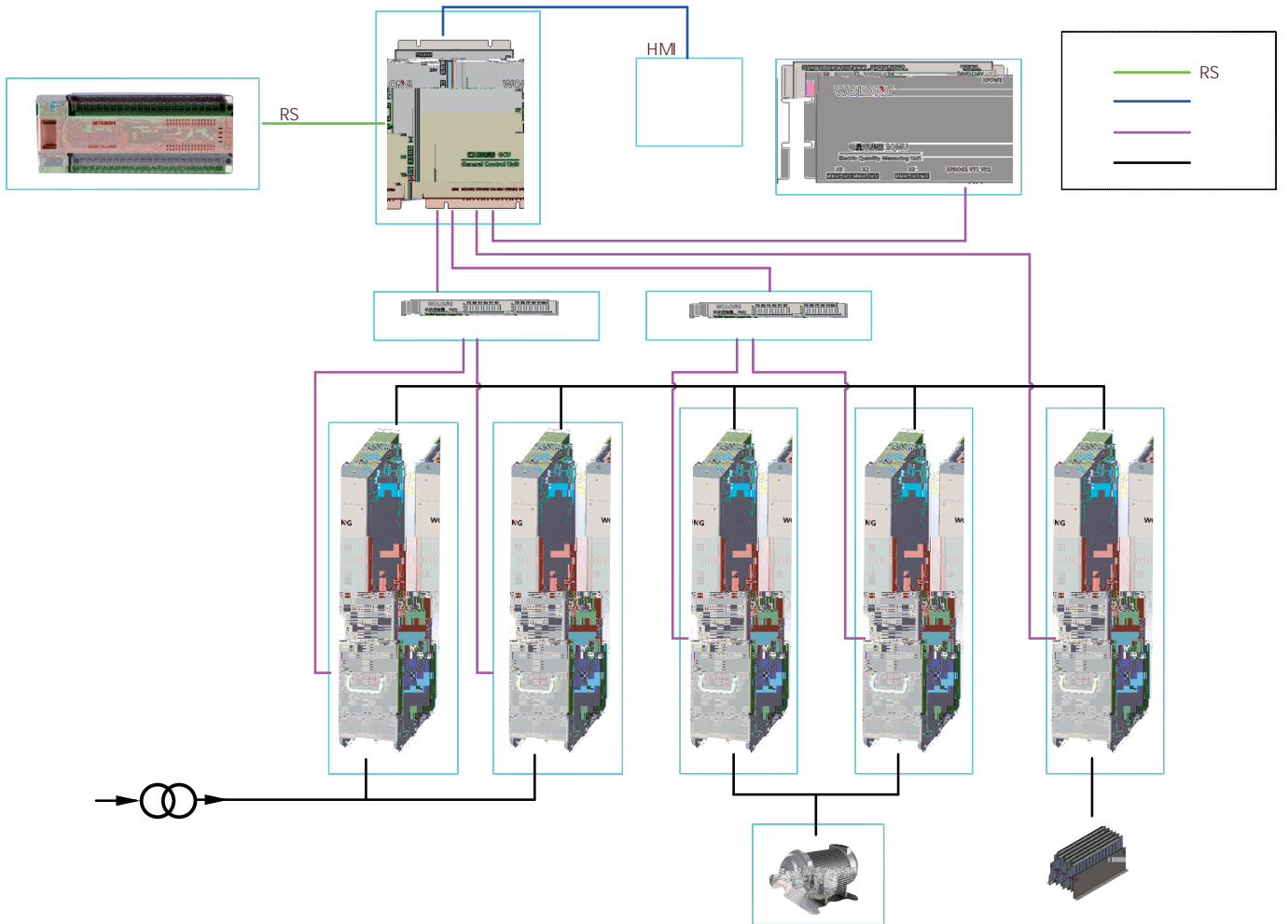
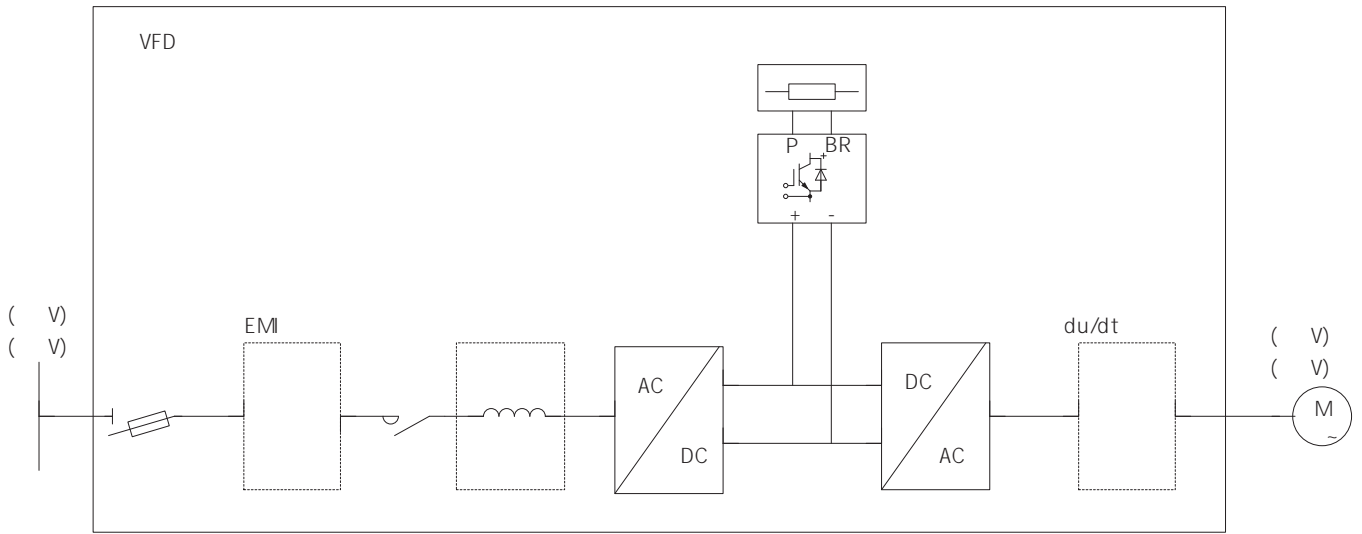
18

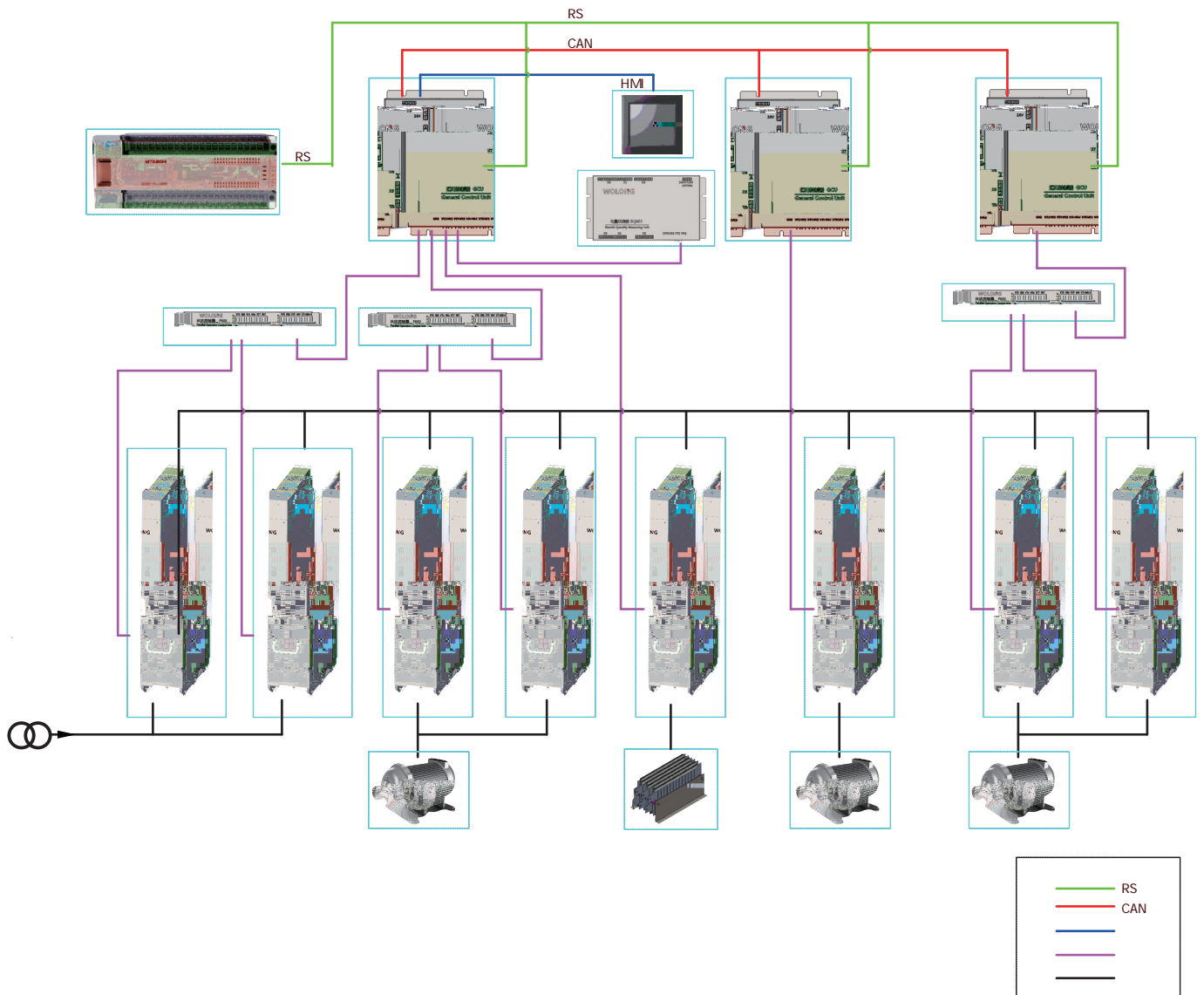
690V

3400A

	380VAC~500VAC	525VAC~690VAC	700VAC~1140VAC	± 10%
	45~65Hz			
	540VDC~700VDC	740VDC~975VDC	1000VDC~1500VDC	
	110%	150%	5	1
	99.2%			
	95.2%			
	380VAC~500VAC	525VAC~690VAC	700VAC~1140VAC	± 10%
	45~65Hz			
	540VDC~700VDC	740VDC~975VDC	1000VDC~1500VDC	
	110%	150%	5	1
	99.2%			
	95.2%			







U=380V~500V

400V

250kW~5400kW

							mm(W*H*D)
	P _N (kW)	I _N (A)	P _{Ld} (kW)	I _{Ld} (A)	P _{Hd} (kW)	I _{Hd} (A)	
WD1000-***-4-470	250	470	250	450	160	350	1450*2400*650
WD1000-***-4-640	355	640	315	600	250	480	1450*2400*650
WD1000-***-4-760	400	760	400	710	315	575	1450*2400*650
WD1000-***-4-900	500	900	450	850	355	680	1450*2400*650
WD1000-***-4-1280	630	1280	630	1200	500	960	1850*2400*650
WD1000-***-4-1520	800	1520	800	1420	630	1150	2050*2400*650
WD1000-***-4-1800	1000	1800	900	1700	710	1360	2050*2400*650
WD1000-***-4-2280	1250	2280	1200	2120	1000	1725	2850*2400*650
WD1000-***-4-2700	1400	2700	1400	2550	1150	2040	2850*2400*650
WD1000-***-4-3040	1600	3040	1500	2840	1250	2300	3450*2400*650
WD1000-***-4-3600	1800	3600	1600	3400	1400	2720	3450*2400*650
WD1000-***-4-3800	2000	3800	1800	3550	1500	2875	4250*2400*650
WD1000-***-4-4000	2500	4500	2200	4250	1800	3400	4250*2400*650
WD1000-***-4-5400	2800	5400	2500	5100	2200	4080	4850*2400*650

U=500V~690V

690V

315kW~5600kW

							mm(W*H*D)
	P _N (kW)	I _N (A)	P _{Ld} (kW)	I _{Ld} (A)	P _{Hd} (kW)	I _{Hd} (A)	
WD1000-***-7-340	315	340	315	326	200	254	1450*2400*650
WD1000-***-7-410	400	410	355	394	250	307	1450*2400*650
WD1000-***-7-530	500	530	450	510	355	400	1450*2400*650
WD1000-***-7-600	560	600	560	580	400	450	1450*2400*650
WD1000-***-7-680	630	680	630	652	500	508	1850*2400*650
WD1000-***-7-820	710	820	710	788	560	614	1850*2400*650
WD1000-***-7-1060	1000	1060	900	1020	710	800	1850*2400*650
WD1000-***-7-1200	1120	1200	1120	1160	800	900	1850*2400*650
WD1000-***-7-1590	1500	1590	1400	1530	1120	1200	2850*2400*650
WD1000-***-7-1800	1800	1800	1600	1740	1200	1350	2850*2400*650
WD1000-***-7-2120	2000	2120	1800	2040	1500	1600	3050*2400*650
WD1000-***-7-2400	2250	2400	2000	2320	1600	1800	3050*2400*650
WD1000-***-7-2650	2500	2650	2400	2550	1800	2000	3450*2400*650
WD1000-***-7-3000	2800	3000	2700	2900	2000	2250	3850*2400*650
WD1000-***-7-3180	3000	3180	2800	3060	2250	2400	4050*2400*650
WD1000-***-7-3600	3150	3600	3150	3480	2500	2770	4050*2400*650
WD1000-***-7-3710	3400	3710	3400	3570	2600	2800	4450*2400*650
WD1000-***-7-4200	4000	4200	3600	4060	3000	3150	4450*2400*650
WD1000-***-7-4800	4500	4800	4400	4640	3400	3600	5050*2400*650
WD1000-***-7-5400	5000	5400	4800	5220	3800	4050	5850*2400*650
WD1000-***-7-6000	5600	6000	5200	5800	4000	4500	6050*2400*650

U=690V~1140V

1140V

450kW~4200kW

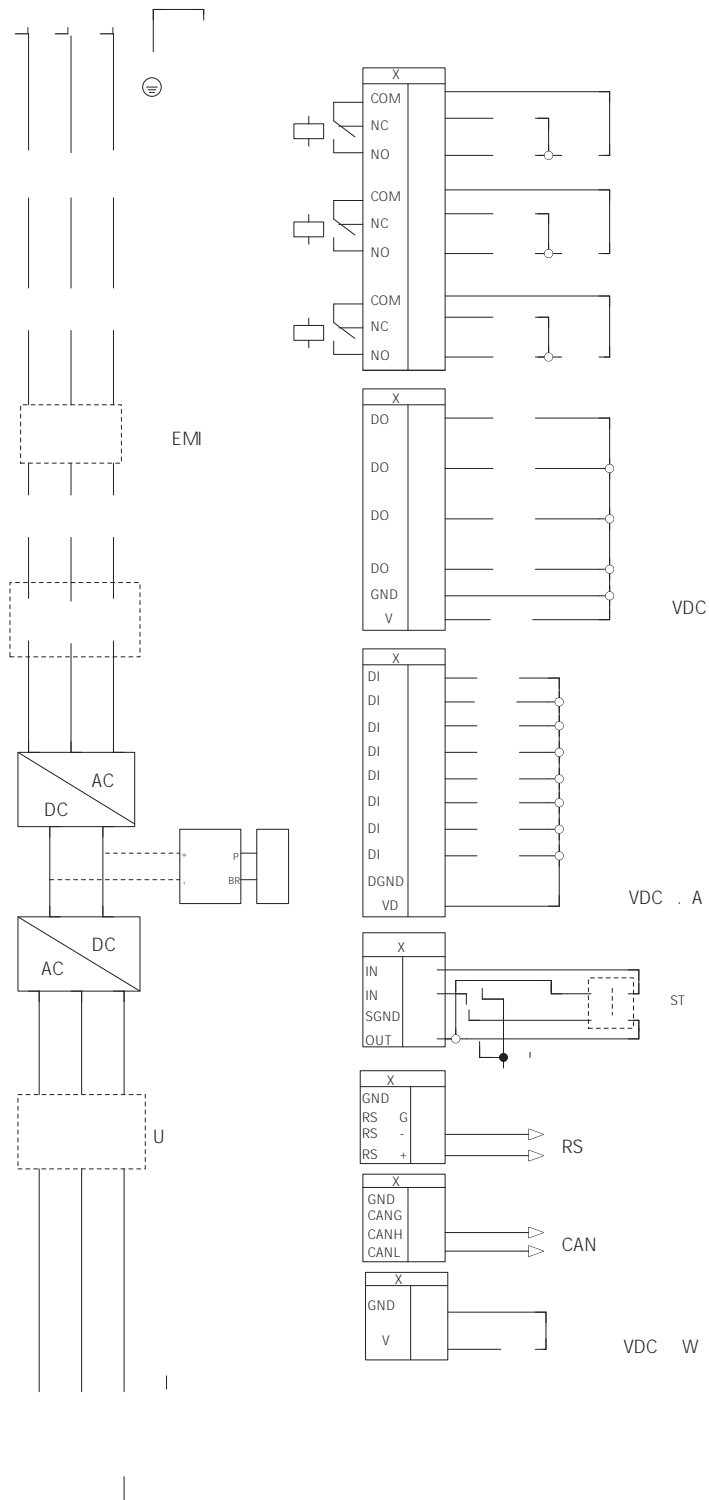
							mm(W*H*D)
	P _N (kW)	I _N (A)	P _{Ld} (kW)	I _{Ld} (A)	P _{Hd} (kW)	I _{Hd} (A)	
WD1000-***-12-300	450	300	400	260	315	200	1450*2400*650
WD1000-***-12-350	500	350	500	320	400	250	1450*2400*650
WD1000-***-12-420	630	420	630	400	450	300	1450*2400*650
WD1000-***-12-600	900	600	800	520	630	400	1850*2400*650
WD1000-***-12-700	1050	700	1050	640	700	500	1850*2400*650
WD1000-***-12-840	1250	840	1250	800	900	600	2450*2400*650
WD1000-***-12-1050	1500	1050	1500	960	1000	600	2850*2400*650
WD1000-***-12-1260	1800	1260	1800	1200	1400	900	2850*2400*650
WD1000-***-12-1400	2000	1400	2000	1280	1500	1000	3050*2400*650
WD1000-***-12-1680	2600	1680	2500	1600	1800	1200	3450*2400*650
WD1000-***-12-2100	3250	2100	3150	2000	2250	1500	3850*2400*650
WD1000-***-12-2520	3800	2520	3600	2400	2800	1800	4450*2400*650
WD1000-***-12-2940	4600	2940	4300	2800	3300	2100	5250*2400*650
WD1000-***-12-3360	5250	3360	5000	3200	3600	2400	5450*2400*650
WD1000-***-12-3780	5800	3780	5600	3600	4200	2700	6050*2400*650
WD1000-***-12-4200	6500	4200	6300	4000	4700	3000	6250*2400*650

I _N	40		
P _N			
I _{Ld}	40	110% I _{Ld}	1min/5min
P _{Ld}			
I _{Hd}	40	150% I _{Hd}	1min/5min
P _{Hd}			

U=690V~1140V

1140V

450kW~4200kW



$U_L = 3$

$$L = X_L / (2 * 3.14 * f) = (U / I) / (2 * 3.14 * f)$$



U

1% ~ 4% U_n

f:

I:

U_n :

EMI

EMI

TN



100m

/

150Hz

WD1000

$$L = X_L / (2 * 3.14 * f) = (U / I) / (2 * 3.14 * f)$$

U

1% ~ 4%

f:

I:

U_n :

WD1000

$$R=U^2/P_b \cdot K$$

U: U WD1000 400V 690V 1140V

P_b

K 0.9 10%

$$K \cdot P_r = P_b \cdot D$$

P_r

K 50%

D 10%

$$P_r = (U^2 \cdot D) / (R \cdot K)$$

K 50% k K

380V~500V

WD1000-***-4-470	630A	630A	630
WD1000-***-4-640	630A	800A	1000
WD1000-***-4-760	1000A	1250A	1000
WD1000-***-4-900	1000A	1250A	1000
WD1000-***-4-1280		1600A ()	-
WD1000-***-4-1520		1600A ()	-
WD1000-***-4-1800		2000A ()	-
WD1000-***-4-2280		2500A ()	-
WD1000-***-4-2700		3000A ()	-
WD1000-***-4-3040		3200A ()	-
WD1000-***-4-3600		4000A ()	-
WD1000-***-4-3800		4000A ()	-
WD1000-***-4-4000		5000A ()	-
WD1000-***-4-5400		6300A ()	-

500~690V

		(+)	
WD1000-***-7-340			630A
WD1000-***-7-410	630A	630A	630A
WD1000-***-7-530			630A
WD1000-***-7-600			630A
WD1000-***-7-680			800A /2kV
WD1000-***-7-820	1000A	1250A	
WD1000-***-7-1060	1250A	1250A	1250A /2kV
WD1000-***-7-1200		1250A ()	-
WD1000-***-7-1590		1600A ()	-
WD1000-***-7-1800		2000A ()	-
WD1000-***-7-2120		2500A ()	-
WD1000-***-7-2400		2500A ()	-
WD1000-***-7-2650		3200A ()	-
WD1000-***-7-3000		3200A ()	-
WD1000-***-7-3180		3600A ()	-
WD1000-***-7-3600		4000A ()	-
WD1000-***-7-3710		4000A ()	-
WD1000-***-7-4200		5000A ()	-
WD1000-***-7-4800		5000A ()	-
WD1000-***-7-5400		6300A ()	-
WD1000-***-7-6000		6300A ()	-

