

MFC2000-6-250...2000kW

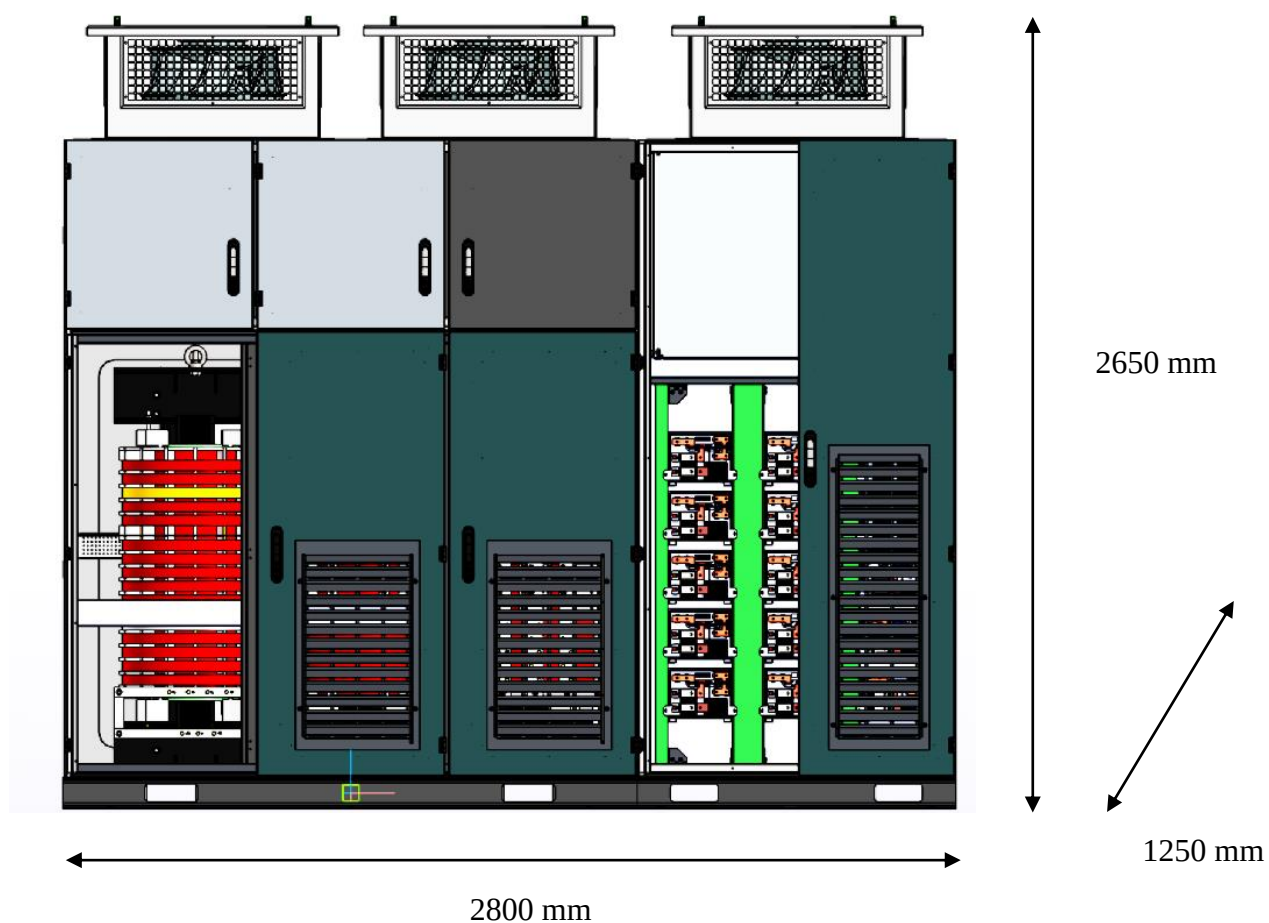
TECHNICAL DATA

Power supply	Voltage U_{IN} / frequency	MFC1000-6: 3-phase: 6000V (-15% +10%), 50 Hz
Control system	Operation mode	- Vector DTC-SVM without sensor - Vector DTC-SVM with sensor of rotor position
	Switching frequency	2..15 kHz
Control inputs/outputs	Analog inputs	5 analog inputs
	Digital inputs	6 separated inputs
	Analog outputs	2 + 3 relay outputs
	Digital outputs	-
Communication	<i>Modbus RTU, Modbus TCP, Ethernet, CANopen (optional)</i>	
Motor type	<i>Asynchronous, synchronous (with additional excitation system)</i>	
Operator panel	<i>Operator panel 7" lub 10"</i>	

Additional information:

- *Bypass of power modules*
- *Based on modern IGBT technology*
- *Internal UPS 24V*
- *Multiphase isolating transformer*
- *Protection degree IP21, optional IP41, IP42*
- *Inverter working temperature 0... +50°C*
 - o *Optional heating system while -5°C working temperature*
- *Max humidity 95%*
- *Real Time Clock (RTC)*
- *Skipping resonant frequencies*
- *Overheating protection*
- *Overvoltage protection*
- *Operator's panel blocking system*
- *Efficiency 96%*

Inverter type MFC2000-6	Constatnt torque load		Dimensions (W. x H. x D.) [mm]
	Nominal power [kW]	Nominal output current [A]	
MFC2000-6-250	200	26	3100 - 3600x2850x1250
MFC2000-6-315	250	34	
MFC2000-6-355	315	40	
MFC2000-6-400	380	49	
MFC2000-6-500	480	64	
MFC2000-6-550	510	65	
MFC2000-6-600	580	72	
MFC2000-6-700	650	79	
MFC2000-6-800	710	88	
MFC2000-6-900	840	98	
MFC2000-6-1000	950	105	



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