



中国船级社
CHINA CLASSIFICATION SOCIETY

证书编号/Certificate No.
SH22PTB00068

型式认可证书
CERTIFICATE OF TYPE APPROVAL

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。

This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products described in the certificate.

制造厂/Manufacturer

苏州英威腾电力电子有限公司
INVT POWER ELECTRONICS (SUZHOU) CO., LTD.

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苏州高新区科技城昆仑山路1号
1# Kunlun Mountain Road, Science & Technology Town, Gaoxin District, Suzhou, Jiangsu, China

产品名称/Product

变频器
Variable Frequency Drives
变频器
Frequency Converter

附加标志/Notations

无/Nil.

认可标准/Approval Standard

1. 中国船级社《钢质海船入级规范》（2022）及其变更通告 第4篇第3章
Chapter 3, Part Four of China Classification Society Rules for Classification of Sea-Going Steel Ships 2022 and its Change Notices

用于/Intended for

船舶与海上设施/Ships and Offshore Installations

产品明细/Product Description

变频器/Frequency Converter (M0001)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-132G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	265	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	260	A

证书有效期至/This Certificate is valid until 2025年03月01日/ Mar. 01,2025

发证机构/Issued by 中国船级社上海分社
CCS Shanghai Branch

签发日期/Date 2022年10月27日
Oct. 27,2022

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UTN:P022-95991251

频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	132	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0002)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-160G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	310	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	305	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	160	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0003)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-200G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	385	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	380	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	200	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0004)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-250G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	460	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	480	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	250	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0005)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-030G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	70	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	60	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	30	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0006)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-037G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	80	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	75	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	37	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0007)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-045G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	98	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	92	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	45	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0008)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-355G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	625	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	650	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	355	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0009)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-075G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	139	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	150	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	75	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0010)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-110G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC

额定输入电流/Rated Input Current	201	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	215	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	110	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0011)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-220G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	430	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	425	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	220	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0012)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-280G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	500	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	530	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	280	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0013)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-315G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	580	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	600	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	315	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0014)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-400G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	715	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	720	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	400	kW

外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0015)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-500G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	890	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	860	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	500	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0016)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-090G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	168	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	180	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	90	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0017)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD350-055G-4-CCS	
额定输入电压/Rated Input Voltage	380~480	VAC
额定输入电流/Rated Input Current	128	A
额定输出电压/Rated Output Voltage	380~480	VAC
额定输出电流/Rated Output Current	115	A
频率/Frequency	0~400	Hz (Output)
额定输出功率/Rated Output Power	55	kW
外壳防护等级/Degree of Protection of Enclosure	IP20	
冷却方式/Cooling Method	强迫风冷 Forced air cooling	

变频器/Frequency Converter (M0018)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-71-0718-4	
额定输入电压/Rated Input Voltage	AC 380~480	V
额定输入电流/Rated Input Current	718	A
额定输出电压/Rated Output Voltage	DC 513~648	V
额定输出电流/Rated Output Current	879	A
频率/Frequency	47~63 (Input)	Hz
额定输出功率/Rated Output Power	475	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0019)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-71-0980-4	
额定输入电压/Rated Input Voltage	AC 380~480	V
额定输入电流/Rated Input Current	980	A
额定输出电压/Rated Output Voltage	DC 513~648	V
额定输出电流/Rated Output Current	1200	A
频率/Frequency	47~63 (Input)	Hz
额定输出功率/Rated Output Power	648	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0020)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-71-0570-6	
额定输入电压/Rated Input Voltage	AC 500~690	V
额定输入电流/Rated Input Current	570	A
额定输出电压/Rated Output Voltage	DC 675~932	V
额定输出电流/Rated Output Current	698	A
频率/Frequency	47~63 (Input)	Hz
额定输出功率/Rated Output Power	650	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0021)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-71-0815-6	
额定输入电压/Rated Input Voltage	AC 500~690	V
额定输入电流/Rated Input Current	815	A
额定输出电压/Rated Output Voltage	DC 675~932	V
额定输出电流/Rated Output Current	998	A
频率/Frequency	47~63 (Input)	Hz
额定输出功率/Rated Output Power	929	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0022)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0245-4	
额定输入电压/Rated Input Voltage	DC 510~720	V
额定输入电流/Rated Input Current	259	A
额定输出电压/Rated Output Voltage	AC 0~415	V
额定输出电流/Rated Output Current	245	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	110	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0023)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0299-4	
额定输入电压/Rated Input Voltage	DC 510~720	V

额定输入电流/Rated Input Current	316	A
额定输出电压/Rated Output Voltage	AC 0~415	V
额定输出电流/Rated Output Current	299	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	132	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0024)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0062-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	65	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	62	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	55	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0025)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0082-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	86	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	82	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	75	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0026)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0099-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	104	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	99	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	90	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0027)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0125-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	132	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	125	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	110	kW

外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0028)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0144-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	152	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	144	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	132	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0029)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0192-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	203	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	192	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	160	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0030)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0349-4	
额定输入电压/Rated Input Voltage	DC 510~720	V
额定输入电流/Rated Input Current	369	A
额定输出电压/Rated Output Voltage	AC 0~415	V
额定输出电流/Rated Output Current	349	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	160	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0031)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0395-4	
额定输入电压/Rated Input Voltage	DC 510~720	V
额定输入电流/Rated Input Current	418	A
额定输出电压/Rated Output Voltage	AC 0~415	V
额定输出电流/Rated Output Current	395	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	200	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0032)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0217-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	230	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	217	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	200	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0033)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0270-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	286	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	270	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	250	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0034)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0340-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	360	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	340	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	315	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0035)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0516-4	
额定输入电压/Rated Input Voltage	DC 510~720	V
额定输入电流/Rated Input Current	546	A
额定输出电压/Rated Output Voltage	AC 0~415	V
额定输出电流/Rated Output Current	516	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	250	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0036)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0639-4	
额定输入电压/Rated Input Voltage	DC 510~720	V

额定输入电流/Rated Input Current	677	A
额定输出电压/Rated Output Voltage	AC 0~415	V
额定输出电流/Rated Output Current	639	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	355	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0037)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0757-4	
额定输入电压/Rated Input Voltage	DC 510~720	V
额定输入电流/Rated Input Current	802	A
额定输出电压/Rated Output Voltage	AC 0~415	V
额定输出电流/Rated Output Current	757	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	400	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0038)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0900-4	
额定输入电压/Rated Input Voltage	DC 510~720	V
额定输入电流/Rated Input Current	954	A
额定输出电压/Rated Output Voltage	AC 0~415	V
额定输出电流/Rated Output Current	900	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	500	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0039)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0410-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	434	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	410	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	400	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0040)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0530-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	561	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	530	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	500	kW

外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0041)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0600-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	636	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	600	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	560	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0042)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0650-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	689	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	650	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	630	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0043)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-51-0720-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	763	A
额定输出电压/Rated Output Voltage	AC 0~725	V
额定输出电流/Rated Output Current	720	A
频率/Frequency	0~400 (Output)	Hz
额定输出功率/Rated Output Power	710	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0044)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-41-0500-4	
额定输入电压/Rated Input Voltage	DC 510~720	V
额定输入电流/Rated Input Current	781	A
额定输出电压/Rated Output Voltage	DC 0~720	V
额定输出电流/Rated Output Current	3 X 310	A
额定输出功率/Rated Output Power	500	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0045)

名称/Name	属性(值)/Value	单位/Unit
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型号/Type	GD880-41-0750-4	
额定输入电压/Rated Input Voltage	DC 510~720	V
额定输入电流/Rated Input Current	1171	A
额定输出电压/Rated Output Voltage	DC 0~720	V
额定输出电流/Rated Output Current	3 X 465	A
额定输出功率/Rated Output Power	750	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0046)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-41-0870-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	781	A
额定输出电压/Rated Output Voltage	DC 0~1035	V
额定输出电流/Rated Output Current	3 X 310	A
额定输出功率/Rated Output Power	870	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

变频器/Frequency Converter (M0047)

名称/Name	属性(值)/Value	单位/Unit
型号/Type	GD880-41-1300-6	
额定输入电压/Rated Input Voltage	DC 700~1035	V
额定输入电流/Rated Input Current	1171	A
额定输出电压/Rated Output Voltage	DC 0~1035	V
额定输出电流/Rated Output Current	3 X 465	A
额定输出功率/Rated Output Power	1300	kW
外壳防护等级/Degree of Protection of Enclosure	IP00	
冷却方式/Cooling Method	强制风冷 Forced air cooling	

批准的图纸/Approved Drawings

图纸批准号/ Drawings Approval No. : SH20PPP20287, SH22PPP20205

产品认可试验报告/ Approval Test Report

试验报告编号/ Test Report No. : 20IAX0801Y11-0520.1~20IAX0801Y11-0520.6

试验报告日期/ Test Report Date : 2021-02-02

试验单位/ Laboratory: 上海电器设备检测所有限公司 SHANGHAI TESTING AND INSPECTION INSTITUTE FOR ELECTRICAL EQUIPMENT CO., LTD.

试验单位地址/ Test Address: 上海市武宁路505号 No.505 Wuning Road, Shanghai, China

试验报告编号/ Test Report No. : 22X0594-s

试验报告日期/ Test Report Date : 2022-10-19

试验单位/ Laboratory: 苏州电器科学研究院股份有限公司 Suzhou Electrical Apparatus Science Research Institute Co., Ltd.

试验单位地址/ Test Address: 江苏省苏州市吴中区越溪前珠路5号 No.5 Qianzhu Rd., Yuexi, Wuzhong District, Suzhou

认可后的产品检验方式/ Method of Product Inspection after Approval

按规范认可后应进行产品检验的产品/The product should be inspected in term of the rules:

认可后的产品检验应由本社验船师根据本社规范规定按批准的产品检验计划进行检验, 经检验合格后由本社颁发船

用产品证书。

After approval, product inspection should be carried out by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Marine Product Certificate will be issued by the Society upon satisfactory inspection.

认可保持条件/ Maintenance Requirements of Approval

1. 型式认可后, 如果产品及其重要零部件的设计、所用材料或制造方法有所改变, 且影响到产品的主要特性、特征; 或产品的性能指标有所更改, 且超过认可的范围, 则有关图纸和文件应经检验机构审批。并在检验机构认为必要时, 经本社检验人员见证有关试验和进行检查, 其结果应能证实仍符合认可条件。

After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.

2. 工厂的质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。

The quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 认可证书有效期内, 如果出现可能导致本社取消认可的情况, 工厂应及时采取有效的纠正措施。

Within the validity of the approval certificate, if cases occur that may cause the Society to withdraw the approval, the manufacturer should take corrective actions in a prompt and effective manner.

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。

Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. 如果属于获得型式认可B 模式证书, 且无需颁发船用产品证书/等效证明文件的情况, 证书获得者应接受本社每年一次的定期审核, 定期审核日为认可证书期满之日对应的每一周年日, 检查工作应在周年日的前后三个月内进行。

If belong to the situation of the product has type approval mode B certificate, and marine product certificate/equivalent document is not necessary, those who have obtained the certificate should be subject to periodical audit every year. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

备注/Remarks

本社已审核了产品厂无石棉声明, 但本社的审核不免除产品厂按照合同关系向订货方保证产品无石棉的责任。

The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

注: 该产品不适用于安装在露天甲板区域。

Note: This product is not suitable for installation in open deck areas.

GD880系列根据SH22PPP20205审图要求用于船舶与海上设施工程传动用(船舶主电力推进装置除外), 当环境温度高于 40℃, 或海拔高于 1000 米时, 该系列产品应降容使用。

GD880 series is used for transmission of ships and offshore facilities (except main electric propulsion device of ships) according to SH22PPP20205 drawing review requirements. When the ambient temperature is higher than 40 °C or the altitude is higher than 1000m, this series of products should be used with Low load or load restriction.

本证书由原型式认可证书 (No. SH20PTB00123) 变更并替代原证书。

This Certificate is modified from and supersedes the previous Type Approval Certificate No. SH20PTB00123.

中国船级社上海分社
CCS Shanghai Branch