

Project No	[Electronic document]	16	0043
Customer	The plan approval office	Greatship Global Offshore Services	
Order ID & Amount		2	
Order Date		13.04.2016	
Expected Delivery Date		01.07.2016	
Delivery Destination		Signapore	
Device Description		440V 60Hz / 415V 50Hz 500kVA Rectifier Part	
Drawing No		2050_35_00 - Project 16-0043	
Product Stock Code (EPC)			
Customer Stock Code			
Form Prepared By		Ozan Sadi Şihmanoğlu	
Nominal Voltage (DC)	V	480V	
Nominal Current (DC)	V	1000A	
Nominal Input Voltage (AC) (L-N)	V	254V	
Input Phase Count		3 phases	
Input Neutral Connection		No neutral	
Input Frequency	Hz	60Hz	
Topology (Circuit Configuration)		B12C (12 pulse)	
DC Bus Ripple (without Battery)	%	< 2%	
Cabinet Type		Floor Type	
Cable Entry		Bottom	
Protection Class		IP 55	
Cabinet Color		RAL7035	
Cabinet Material		Galvanized Steel 2.0mm	
Cooling		Fan Forced	
Air Flow Direction		Rear	
Operation Temperature		5C / +45C	
Cabinet Dimensions (W x D x H)(mm)		Custom	3000 1750 2200
Brand		MakPlus	
Language		English	
Display		LCD + Led Panel	
Communication & Relay Interface		RS232 + Relays	
Gauges		96x96mm	
		AC Voltages	AC Currents
		-	-
Float Voltage Range	V	550.0	550.0
Equalize Voltage Range	V	550.0	550.0
Boost Voltage Range	V	550.0	550.0
Current Limit Range	A	500.0	1000.0
DC High Alarm Range	V	500.0	800.0
DC Low Alarm Range	V	450.0	550.0
Float Voltage	V	550.0	
Equalize Voltage	V	550.0	
Boost Voltage	V	550.0	
Rectifier Current Limit	A	1000.0	
Battery Current Limit	A	-	
Input (AC) Breaker & Value(A)		MCCB	800A
Output (Battery) Breaker & Value(A)		No	-
Parallel Operation		No	
DC Powering		No	
Battery LVD		No	
Diode Dropper		Yok / No	
Seperate Load Output		No	
DC Distribution		No	
Internal Batteries		-	

Alarm & Protection		Line Failure
Alarm & Protection		DC Low
Alarm & Protection		DC High
Alarm & Protection		Over Temperature
Alarm & Protection		Current Limiting
Alarm & Protection		Fuse Failure
Alarm & Protection		Emergency Stop
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Additional Features	<div> <div>BUREAU VERITAS</div> <div>Stamped document, refer to 1st page</div> </div>	Input Surge Suppression Rapid Semic. Fuses RS232-RS485 Converter Cabinet Internal Lighting Emergency Stop Button
Notes		Device shall fulfil Marine Type Requirements and Regulations.
Customer Approval		