

Test Verification of Conformity

Verification Number: 210801718SHA-V1

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

Applicant Name & Address:	ROTOMAG MOTORS & CONTROLS PVT. LTD. GIDC VITTHAL UDHYOGNAGAR, NEAR ANAND, GUJARAT-388121, INDIA
Product Description:	PV Grid interconnected inverter
Ratings & Principle Characteristics:	See Appendix(Specifications table)
Models/Type References:	See Appendix(Specifications table)
Brand Name:	
Relevant Standards:	IEC 62116 :2014+ IEC 61727:2004+ IEC 61683:1999 IEC 60068-2-1: 2007 Test A: Cold IEC 60068-2-2: 2007 Test B: Dry heat IEC 60068-2-14:2009 Test N: Change of temperature IEC60068-2-30: 2005 Test Db: Damp heat, cyclic (12+12h cycle)
Verification Issuing Office Name & Address:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Date of Tests:	2017-03-28 to 2017-06-08 and 2021-08-13 to 2021-08-17
Test Report Number(s):	190200378SHA-001+A1/002+A1/003+A1/004+A1
Additional information in Appendix.	

Signature



Name: Jonny Jing
Position: Manager
Date: 2021-08-17

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 210801718SHA-V1

Manufacturer: SHAMU19001

Specifications table					
Model	RIT3K	RIT5K	RIT6K	RIT8K	RIT10K
Input:					
Vmax PV (Vdc)	1000	1000	1000	1000	1000
Isc PV (absolute Max.) (A)	24 x 2	24 x 2	24 x 2	24 x 2	24 x 2
Number MPP trackers	2	2	2	2	2
Number input strings	1/1	1/1	1/1	1/1	1/1
Max. PV input current(A)	15 x 2	15 x 2	15 x 2	15 x 2	15 x 2
MPPT voltage range (Vdc)	150-850	150-850	150-850	150-850	150-850
Vdc range @ full power (Vdc)	200-850	200-850	250-850	300-850	500-850
Output					
Normal Voltage(V)	3P+N+PE/3P+PE 230/400				
Frequency(Hz)	50 / 60				
Current (normal) (A)	4.4	7.3	8.7	11.6	14.5
Current (Max. continuous) (A)	5.3	8.5	10.5	13.5	17
Power rating (W)	3000	5000	6000	8000	10000
Power Rating(VA)	3000	5000	6000	8000	10000
Power factor /rated	1 (-0,8~+0,8 adjustable)				
others					
Protective class	Class I				
Ingress protection (IP)	IP 65				
Temperature(°C)	-25°C to +60°C(up 45°C derating)				
Inverter Isolation	Non-isolated				
Weight (kg)	18			19	
Overvoltage category	OVC II (PV), OVC III (AC Main)				
Software version:	DSP: V04 CPLD: V04 HMI: V03				

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