

NITIN CORPORATION

402, 4th Floor,
Bezzola Commercial Complex,
Sion – Trombay Road,
Chembur,
Mumbai – 400071,
India.

WEB:www.corponit.com

EMAIL: enquiry@corponit.com
nitincorporation@yahoo.com

PH (O): +91 - 22-25235386/25234478

**THE FOLLOWING NEW SYNCHRONOUS ALTERNATOR / GENERATOR END IS
AVAILABLE FORSALE WITH US WITH IMMEDIATE DELIVERY:**

1 No. –BRAND NEW 23000 kW WEG Make Synchronous Alternator / Generator End having the following technical specifications:

TECHNICAL SPECIFICATIONS:

Make	:	WEG
Frame	:	1120
Output	:	28750 KVA
Rated Voltage	:	11000 V
Stator Connection	:	Y
Rated Current	:	1509 A
Poles	:	04
Frequency	:	50 Hz
Rated Speed	:	1500 RPM
Duty Cycle	:	S1
Power Factor	:	0.8
Excitation	:	BRUSHLESS PMG
Damper Winding	:	YES
Stator Insulation Class	:	F
Stator Temperature Rise	:	Class B
Service Factor	:	1.00
Rotor Insulation Class	:	F
Rotor Temperature Rise	:	Class B
Ambient Temperature	:	45°C
Altitude	:	1000m
Mounting	:	IM1001
Protecting Degree	:	IP55
Cooling	:	IC81W
Approx. Weight	:	51500 kg
Rotor Inertia (J=GD ² /4)	:	2210 kgm ²
Flywheel inertia (J=GD ² /4)	:	
Overload	:	1.1 x In per 1 h each 12h
Momentary Overload	:	1.5 x In per 15 s

Short circuit current (rms)	:	7185.7 A
Asym. short circuit current (peak)	:	18291.8 A
Harmonic distortion (phase-phase)	:	1.5%
Noise level	:	85 dB(A)
Vibration	:	Standard 2.8 mm/s rms
Overspeed	:	1.2 x n per
Coupling	:	Gearbox
Driver Machine	:	Steam Turbine
Direction of rotation	:	Clockwise
(Facing the Machine drive end shaft)		

DOCUMENTATION:

The following documentation are available with the Alternator:

1. Data Sheet
2. Characteristic Curves
3. G.A. Drawings
4. Terminal Boxes Drawings
5. Connection diagrams (Main & Auxiliaries)
6. Test Reports
7. Instruction Manual


NOTE:

1. The Alternator is **BRAND NEW & All Test Reports and other documentation is available.**
2. The Alternator shall be supplied alongwith a **3 YEAR WARRANTY.**

GENERAL TERMS OF BUSINESS:

Taxes	:	GST as applicable will be extra.
Terms	:	One-Third with order, balance + GST before delivery.
Delivery	:	Immediate, ex-warehouse, Mumbai
Offer	:	Strictly subject to prior sale and/or our final confirmation.

PHOTOGRAPHS:

IEC		CE		MADE IN INDIA			
SYNCHRONOUS MACHINE				EXCITATION: <input checked="" type="checkbox"/> BRUSHLESS <input type="checkbox"/> SLIP RINGS			
MOD	SPW 1000	Serial number		Date		Noise 85 dB(A)	Cooling IC81W
kVA	28750	STATOR				D.E. BEARING	DMZLB 28-355
No. Phases	V 11000	A 1509	CONN. Y	COS ϕ	0.8	Lubricant ISO-VG-46	
No. Poles	V	A	CONN.	AMBIENT	45°C	N.D.E. BEARING	DMZLQ 28-355
rpm	1500	V	A	CONN.	HIGH	1000m	Lubricant ISO-VG-46
Hz	50			Δt	75°C	Rotation facing DE	
DUTY	S1	EFFICIENCY (%)			IP	55	Clockwise
INSUL.	F	97.8	100%	97.6	75%	MASS	45.2 ton
						Counter-clockwise	<input checked="" type="checkbox"/>
						Bidirectional	<input type="checkbox"/>
 ATTENTION		READ CAREFULLY THE INSTRUCTIONS ON THE INSTALLATION AND MAINTENANCE MANUAL TO ENSURE A SAFE AND CONTINUOUS OPERATION					

