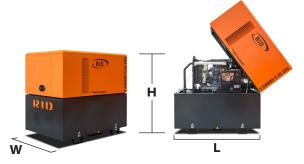


ANTI VANDAL GENSET 30 KVA





POWER RATING

OUTPU	T RATINGS	PRIME	STANDBY
Power	kVA kW	30 24	33 26,2
Current	А	43	47,4
Voltage	V	230 / 400	230 / 400
Frequency	Hz		50
Rated at power factor	cos φ		0,8

POWER RATING DESCRIPTION

Prime Rating

The ratings are applicable for supplying continuous electrical power (at variable load) in lieu of comercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.

Standby Rating

The ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO 8528-3).

PRODUCT OVERVIEW

RATINGS DATA	
Order number Generator	713432
Alternator Model	Linz PRO18S C/4
Engine Type	DEUTZ F4M2011
Generator type	synchronous
Protection class	IP 23
Control Panel	RID 1000 A

DIMENSIONS AND WEIGHTS

LENGTH (L)	WIDTH (W)	HEIGHT (H)	WEIGHT	TANK CAPACITY
1850 mm	1100 mm	1320 mm	920 kg	up to 1000 liters

NOISE LEVEL -

1 METER	4 METER	7 METER	10 METER
75 dB(A)	67 dB(A)	62,25 dB(A)	60,6 dB(A)



ANTI VANDAL GENSET 30 KVA



ENGINE TECHNICAL DATA

ENGINE TECHNICAL DATA		PRIME	STANDBY		
Engine output	kW	29,4	30,9		
Engine type		DEUTZ F	4M2011		
Engine size		4-Cylinde	4-Cylinder; in-line		
Injection system		single injec	single injection pump		
Rotational-speed range	rpm	15	1500		
Bore Stroke	mm	94 112			
Cooling system		oil + air			
Speed regulation		mech	anical		
Compression ratio		19	:1		
Displacement	1	3,1			
Engine with cooling system	kg	30)3		

— FUEL SYSTEM -

POWER STANDARD		25%	50%	75%	100%
Fuel consumption PRIME I/h		2,4	4,0	5,8	8,0

- COOLING SYSTEM -

Cooling system		oil + air
Cooling system capacity	I	13,5
Max. coolant outlet temperature	°C	128
Heat dissipation (radiator)	kW	16,1
Fan power consumption	kW	0,4
Cooling air flow	m³/h	1800

— AIR SYSTEM -

Air Filter Type		replaceable Element
Combustion air volume	m³/h	122
max. intake depression	mbar	20

---- LUBRICATION SYSTEM -

Oil type		RID 5W30
Oil filter type		replaceable element
Total oil volume	- 1	13,5
Max. oil temperature	°C	130

EXHAUST SYSTEM

Silencer type		Industrial
Max. exhaust back pressure	mbar	30
max. exhaust gas temperature	°C	599
Exhaust gas flow	m³/h	337



ANTI VANDAL GENSET 30 KVA



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Alternator Model		Linz PRO18S C/4		
Generator type		synchronous		
Insulation Class		Н		
Regulation Type		AVR		
Control System		self excited		
Execution		brushless		
Protection class		IP 23		
Stator Winding		Double layer with auxiliary winding		
Rotor Winding	1	with damping cage		
Winding Pitch		2/3		
THD at full load		<3%		
Overspeed	rpm	2250		
Air Flow Requirement	m³/h	414		
References		EN60034-1 ISO8528-3 EN55011		

— ALTERNATOR PERFORMANCE DATA -

VOLTAGE SERIES STAR, V	RATED POWER (125°C/40°C), KVA KW	Xd	X'd	X"d
380 220	30 24	269 %	21,1 %	8,9 %
400 230	30 24	243 %	19,0 %	8,0 %
415 240	30 24	226 %	17,7 %	7,4 %
440 254	25 20	167 %	13,1 %	5,5 %

- CERTIFICATIONS AND NORMS -

EN60034-1	ISO8528-3	EN55011	Outdoor Noise Equipment Directive 2000/14/EC
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ANTI VANDAL GENSET 30 KVA



CONTROL PANEL -

~ RID 1000 A ~

CONTROLLER FUNCTIONS -

FUNCTIONS	RANGES, VALUES	
operating modes	automatic, manual, test and remote	available
mains control with limits	voltage, frequency, phase sequence	available
generator control with limits	voltage, frequency, power, phase sequence.	available
engine control with limits	start, stop, shutdown by alarms	available
power control	current, kW, kVA, kVAr, power factor	available
statistic data mains	voltage, frequency and current	available
statistic data generator	voltage, frequency and current	available
fuel level control	in % and in liters	available
fuel consumption control and history	in l/h	available
working hours per day	in h	available
service hours	in h	available
battery service	in h	available
events log with time and date	255 events	available
alarm list programmation	77 alarms	available
protocols	GSM, Ethernet, Modbus, Canbus, RID protocol	

REMOTE MONITORING FUNCTIONS

mains voltage L1, L2, L3	in V, AC	available
generator voltage L1, L2, L3	in V, AC	available
genset battery voltage DC	in V, DC	available
mains power total	in kW,	available
generator power total	in kW,	available
mains frequency	in Hz	available
generator frequency	in Hz	available
current L1, L2, L3	in A,	available
power L1, L2, L3	in kW,	available

engine temperature	in °C,	optional
enviroment temperature	in °C,	optional
generator run hours	in h,	available
generator maintanace hours	in h,	available
fuel level	in L,	available
load on mains	indication	available
load on generator	indication	available
mains supply	indication	available
generator supply	indication	available

- SPECIFIC ALARMS

GENSET DOOR OPEN	FUEL TANK OPEN	AIR FILTER CLOGGING	FIRE ALARM
optional	optional	optional	optional