



KZWU850 DIESEL GENERATOR SET / 50Hz

OUTPUT RATINGS

50 Hz / 400V

Standby Power	880 kVA
	704 KW
Prime Power	800 kVA
	640 KW

ENGINE (ESP -STAND-BY)

Manufacturer	WUXI
Origin	CHINA
Model	WD287TAD61L
No of Cylinder / Configuration	12 / V TYPE
Displacement (lt)	28,7
Bore / Stroke (mm)	138 / 160
Cycle	4
Compression Ratio	16.00: 1
Aspiration	Turbocharged
Governor Type	Electronical
Cooling System	Water
Coolant Capacity (lt)	90
Lubrication Oil Capacity (lt)	60
Injection	Direct
Speed / Frequency	1500 / 50 Hz
Engine Gross Power (kWm)	680
Fuel Consumption (gr/kWxh)	100% 217

Emergency Standby Power (ESP)

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially 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.

Prime Power

These 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)



ALTERNATOR

Manufacturer	GENTECH
Origin	TURKEY
Model	GNT-880
No of Phase	3
Power Factor	cos 0,8
Number of Bearing	SINGLE
No of Poles	4
No of Leads	12
Voltage Regulation (SteadyState)	± %1
Insulation Class	H
Degree of Protection	IP 21/23
Excitation System	AVR, Brushless
Connection Type	STAR
Total Harmonic Content (No Load)	< %2
Frequency (Hz)	50
Voltage Output (VAC)	230 / 400
Efficiency (%)	%93,8



Sound Proof Canopy

Special design for minimizing acoustic level
Galvanised steel construction further protected by polyester powdercoat paint
Black finish stainless steel locks and hinges
Control panel viewing window in a lockable access door
Emergency stop push button (red) mounted on enclosure exterior
Lifting, drag and jacking points on base frame
Radiato fill via removable, flush mounted rain cap fitted with compression seal
Acoustic insulation with moisture-repellent and non-flammable material

CONTROL UNIT

STANDART: Datakom309

OPTIONAL: Deepsea



Dimensions	WxLxH	Weight	Fuel Tank	Noise
	mm	kg	lt	db(A)
CANOPIED	1900x5000x2350	8500	1500	
OPEN SET	1700x3500x2100	6600	1500	



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