



TPR-400 Series Diesel Generator Set

Standby 400 kVA 320 kW **Prime** 360 kVA 288 kW



Engine

In Tetra Generator engine products; High performance, low fuel consumption, mechanical or electronic governor depending on the type, Oil, air, fuel filtres are interchangeable, using high technology engine brands in accordance with ISO 3046, ISO 8528, BS 5514, DIN 6271 standards.

ENGINE SPECIFICATIONS				
Engine Brand	PERKİNS			
Engine Model	2206A-E11TAG2			
Engine Power	349 kW			
Speed (rpm)	1500 d/dk			
Time	6			
Number of Cylinders	6			
Engine Capacity	12,5 lt			
Bore & Stroke (mmXmm)	135x160			
Compression Ratio	17:1			
Governor Type	Electronic			
Induction System	Turbocharger / Intercooler			
Combustion System	Direct			
Cooling System	Water Cooling			
Lubrication Capacity	40 lt			
Coolant Capacity	51,4 lt			
Fuel %100	65,6 lt			
Consumption %75	49,2 lt			
liter/hour %50	32,8 lt			

Alternator

In Tetra Generator alternator products, it has a steel body design, robust structure, maintenance-free bearing system (brushless) with self-excitation system, electronic type voltage regulator, BS 4999-5000; CEI EN 60034-1; IEC 60034-1; VDE 0530, OVE M10, NF 51-100, 111; It uses high technology alternator brands in accordance with NEMA MG 1.22.

ALTERNATOR FEA	TURES
Power Factor	8,0
Insulation Class	Н
Protection	IP21-IP23
Output Voltage	231/400 VAC - 50 Hz
Frequancy	50 Hz
Connection Type	Star
Design	4 Poles - Brushless

PERKİNS Series

Control System

Easy-to-use secure software updates in Tetra Generator control panels have a structure that can be easily done with USB ports. Optionally, remote control can be provided with ETHERNET and GPRS. Panel body is made of steel sheet and is painted with electrostatic powder paint. It has been painted. The electronics are isolated and waterproof design.

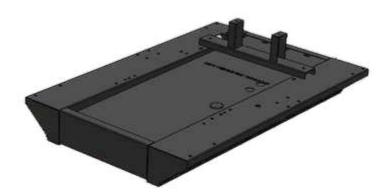
CONTROL SYSTEM FEATURES LCD Screen Automatic Control System Remote monitoring possibility Multifunctional business opportunity Multi language support Programmable over USB, RS-232 and GSM



Chassis, Canopy and Fuel Tank

Tetra Generator chassis has a modular design and is made of steel. Engine alternator Radiator connections are made with vibration wedges and vibration is minimized. Special chassis and fuel tank in line with customer demands can make designs.

CANOPY				
Canopy design that facilitates generator maintenance				
Emergency stop button on the cabin				
Transparent control cabinet window				
Acoustic sponge providing sound insulation				
Hidden exhaust silencer inside the cabin				
Engine cooling air ducts				
Electrostatic powder paint resistant to corrosion and rusting				
Refueling outside the cabin				



OPTIONS			
Transfer Board	Analog Gauges		
Protection Switch	24 Hour Fuel Tank		
External Type Fuel Tank	Special Chassis Color		
Synchronous System	Special Cabinet Color		
Electronic Governor Application	Remote Monitoring Module		
Earthquake Sensor	Special Type MufLer		

Quality Standards

- All generating sets produced by Tetra Generator have TSE, CE and ISO 9001 certificates.
- Technical information and values are in accordance with ISO8528, ISO3046, NEMA MG1.22, IEC 600341, BS 49995000, VDE 0530 standards.

TECHNICAL DIMENSIONS

CABINET GROUP						
WIDTH	LENGTH	HEIGHT	WEIGHT	FUEL TANK		
1300 mm	4000 mm	2200 mm	3485 kg	380 lt		
UNCABINET GROUP						
WIDTH	LENGTH	HEIGHT	WEIGHT	FUEL TANK		
1300 mm	3400 mm	1900 mm	3020 kg	380 lt		

