

# PE SERIES



**800 - 2000 kVA DIESEL GENERATING SETS  
FOR BACK-UP AND PRIMARY POWER USE**



Hospitals, fire stations and rescue stations, power companies, construction sites, back-up power systems of industrial estates

# TECHNICAL SPECIFICATIONS

Model	PE 800	PE 1000	PE 1250	PE 1500	PE 2000
PRP, kVA/kW	800/640	1022/818	1253/1002	1505/1204	2058/1646
LTP, kVA/kW	900/720	1125/900	1385/1108	1656/1325	2263/1811
Diesel Engine (Perkins)	4006-23TAG3A	4008TAG2A	4012-46TWG2A	4012-46TAG2A	4016TAG2A
Number of Cylinders	6	8	12	12	16
Injection System	Direct				
Engine Aspiration	CAC <sup>1</sup>	CAC <sup>1</sup>	A2W <sup>2</sup> , CAC <sup>1</sup>	CAC <sup>1</sup>	CAC <sup>1</sup>
Engine Revolution Speed, rpm	1500				
Fuel Consumption @ 100% PRP, litres/h	172	219	262	305	437
Volume of Fuel Tank, litres	1400	1800	2100	2500	3500
Full Tank Operation Time@ 100% PRP, h	8				
Volume of Cooling Liquid, litres	105	149	240	198	316
Volume of Engine Oil, litres	114	166	178	178	237
Generator	HCI634G	HCI634J	PI734A	PI734C	PI734F
Frequency @ 1500 rpm, Hz	50				
Power Factor, cos φ	0.8				
Voltage of Electric System, V	12 or 24				
Protection Level	IP 23				
Control System	CU 2000 or ComAp Inteli				
Dimensions / Open Model					
Length, mm	4900	5700	6000	6100	7000
Width, mm	1700	1900	1900	2250	2800
Height, mm	2100	2400	2400	2900	3400
Dry Weight, kg	6400	8100	9600	10400	13800
Dimensions / Container Model					
Length, mm	6058	6800	7100	7300	8100
Width, mm	2438	2800	2800	2800	3000
Height, mm	2591	2800	2800	3400	3800
Dry Weight, kg	9000	11700	13500	14800	19100

<sup>1</sup>CAC = Charge Air Cooled. <sup>2</sup>A2W = Air To Water

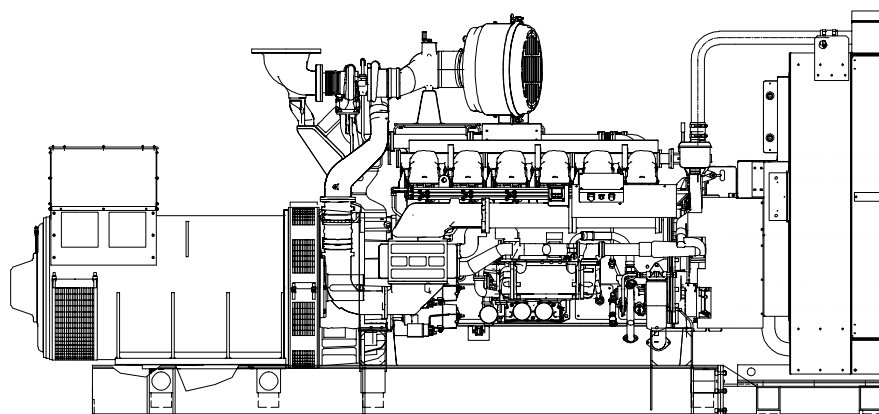
PRP - Prime Power Rating at 50 Hz, corresponding to ISO 8528 standard for continuous operation at variable load.

LTP - Limited Time Power Rating at 50 Hz, corresponding to ISO 8528 standard for standby operation in the event of a main power failure.

Generators in PE series are available with single and dual bearings.

In practice, every PE Series diesel generating set is custom planned and built for the location, including container models.

Find more information at our website [www.genpowex.com](http://www.genpowex.com)



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