

# Perkins Starlight Perkins Series

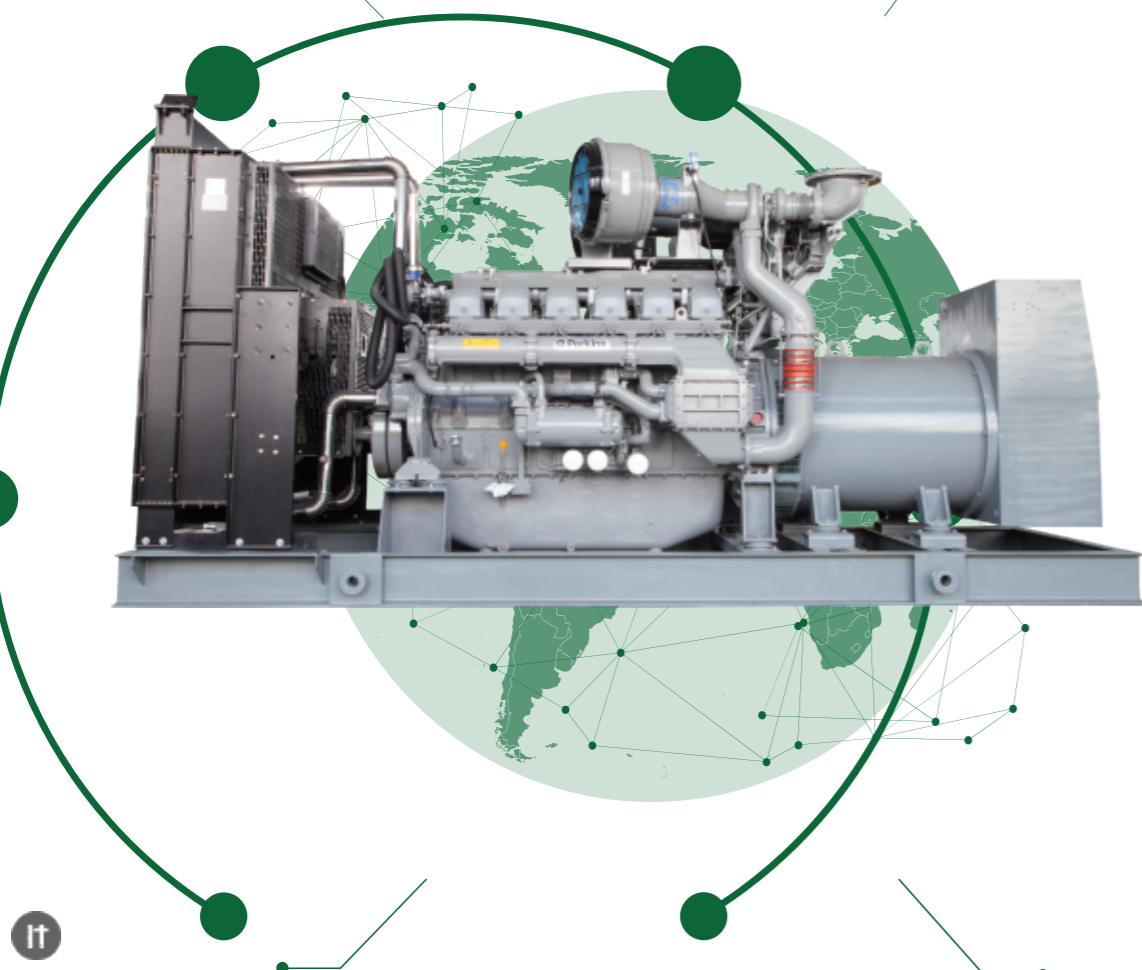
Power Range: 20KW-1980KW

- \*Excellent damping performance: optimization and design of the damping system based on dynamic computer simulations.
- \*Advanced control system: the control strategy of full monitoring system based on reliability design.
- \*Green environmental protection: diesel gensets integrated with energy saving and low emission.
- \*Low noise: exhaust and muting system is customized for each unit.
- \*Good performance: stable running, small vibration, low fuel consumption, low oil consumption, long running life and low noise.



- Electrical performance**
- \* Comply with GB2820 and ISO8528/3 standards. And meet the technical requirements of YD/T502 special diesel generator set in post and telecommunication system.
  - \* Rated Voltage: 400/230V
  - \* Connection mode: Three phase four wire
  - \* Frequency: 50Hz
  - \* Rated power factor: 0.8 (Lag)
  - \* Radio interference suppression: comply with the provisions of VDE0875-N Class and GB2820 regulations

- Control Boxes**
- \* There are different types of control boxes such as manual, automatic, remote monitoring and automatic intelligent types;
  - \* Basic configuration includes voltmeter, ammeter, water thermometer, oil pressure gauge, preheat controller, emergency stop button, battery voltmeter, schedule, phase selector switch, etc.



- Genset Standards**
- \* Conform to the provisions of the international standards GB/T2819 ISO8528, IEC34 etc;
  - \* Rated output power of generator sets accords with the altitude is less than 1,000m.
  - \* Environmental temperature 0°C - 40°C
  - \* Relative air humidity of 60%.

- AC generators**
- \* Excitation mode: brushless self-excitation
  - \* Insulation class: Class H
  - \* Protection Class: IP21-IP23;
  - \* Voltage regulation: automatic adjustment

## Technical Data

Perkins (Perkins) engines co., LTD is one of the world famous engine production and sales manufacturers with a long history. So far, it has provided the global with 15 million gensets ranging from 8 kw to 1940 kw; As the world's leading manufacturer of Rolls-Royce, Perkins is committed to product quality, environment and economy. By strictly enforcing the ISO9001 and ISO14001 standard, the products have high emissions standards, high efficiency, high stability, high reliability, etc. Starlight Perkins series diesel generator sets apply diesel engines from Perkins Engines Co.,Ltd, equipped with brushless self excitation control AVR generator. Power ranging is from 24KW-1800KW, The series are well received in domestic and world markets.

Set Type	Prime/Standby (KW)	Engine model	Prime/Standby (KW)	Number of cylinder	Machine oil capacity (L)	Fuel consumption g/kw·h	Displacement (L)	Open Type	
								Overall Size (L×W×H)(mm)	Weight (kg)
XG-8GF	7/8	403D-11G	10/11	3	5.0	≤245	Stagell	1100×550×890	360
XG-8GF-1	7/8	403D-11G	10/11	3	5.0	≤245	Stagell	1100×550×890	360
XG-11GF	10/11	403D-15G	14/15	3	6.0	≤245	Stagell	1200×600×920	430
XG-11GF-1	10/11	403A-15G1	14/15	3	6.0	≤245	Stagell	1200×600×920	430
XG-13GF	12/13	403A-15G2	16/17	3	6.0	≤245	Stagell	1200×600×920	430
XG-18GF	16/18	404A-22G1	21/23	4	10.6	≤245	Stagell	1350×600×950	530
XG-18GF-1	16/18	404D-22G	21/23	4	10.6	≤245	Stagell	1350×600×950	530
XG-22GF	20/22	404D-22TG	25/28	4	10.6	≤245	Stagell	1400×650×1100	550
XG-26GF	24/26	1103A-33G	31/34	3	8.3	≤215	Stagell	1500×730×1150	800
XG-33GF	30/33	1103A-33TG1	47/51	3	8.3	≤215	Stagell	1600×730×1200	950
XG-53GF	48/53	1103A-33TG2	61/67	3	8.3	≤215	Stagell	1750×750×1250	1030
XG-55GF	50/55	1104A-44TG1	66/72	4	8.0	≤220	Stagell	1950×750×1250	1050
XG-70GF	64/70	1104A-44TG2	81/89	4	8.0	≤215	Stagell	1950×750×1250	1100
XG-83GF	75/83	1104C-44TAG1	83/91	4	8.0	≤210	Stagell	1950×750×1250	1250
XG-110GF	100/110	1106A-70TG1	139/153	6	16.5	≤205	Stagell	2400×850×1400	1700
XG-132GF	120/132	1106A-70TAG2	154/169	6	16.5	≤205	Stagell	2400×850×1400	1780
XG-154GF	140/154	1106A-70TAG3	192/211	6	16.5	≤205	Stagell	2400×850×1400	2200
XG-165GF	150/165	1106A-70TAG4	202/222	6	16.5	≤205	Stagell	2400×850×1400	2250
XG-198GF	180/198	1506A-E88TAG2	222/244	6	28.3	≤202	Stagell	2600×1050×1600	2380
XG-220GF	200/220	1506A-E88TAG3	245/270	6	28.3	≤202	Stagell	2600×1050×1600	2400
XG-264GF	240/264	1506A-E88TAG5	293/322	6	28.3	≤202	Stagell	2600×1050×1600	2500
XG-308GF	280/308	2206C-E13TAG2	305/336	6	40.0	≤202	Stagell	3150×1200×2000	3450
XG-330GF	300/330	2206C-E13TAG3	349/384	6	40.0	≤202	Stagell	3250×1200×2000	3500
XG-385GF	350/385	2506C-E15TAG1	434/477	6	62.0	≤202	Stagell	3500×1200×2050	3600
XG-440GF	400/440	2506C-E15TAG2	435/479	6	62.0	≤202	Stagell	3500×1200×2050	3700
XG-528GF	480/528	2806A-E18TAG1A	522/574	6	62.0	≤201	Stagell	3500×1300×2100	4000
XG-550GF	500/550	2806A-E18TAG2	565/622	6	62.0	≤201	Stagell	3500×1300×2100	4600
XG-660GF	600/660	4006-23TAG2A	658/724	6	113.4	≤205	Stagell	4100×1750×2170	5300
XG-704GF	640/704	4006-23TAG3A	705/776	6	113.4	≤205	Stagell	4100×1750×2170	5500
XG-792GF	720/792	4008TAG1A	805/885	8	153.0	≤203	Stagell	4700×2100×2250	7700
XG-880GF	800/880	4008TAG2A	899/989	8	153.0	≤203	Stagell	4700×2100×2250	7900
XG-1100GF	1000/1100	4012-46TWG2A	1113/1224	12	177.0	≤211	Stagell	4900×1800×2500	10000
XG-1210GF	1100/1210	4012-46TWG3A	1207/1328	12	177.0	≤211	Stagell	5000×2100×2550	10100
XG-1320GF	1200/1320	4012-46TAG2A	1331/1464	12	177.0	≤198	Stagell	5000×2200×2550	10200
XG-1485GF	1350/1485	4012-46TAG3A	1500/1650	12	177.0	≤198	Stagell	5000×2200×2550	10200
XG-1650GF	1500/1650	4016TAG1A	1558/1714	16	214.0	≤209	Stagell	6850×2250×2850	13000
XG-1760GF	1600/1760	4016TAG2A	1766/1943	16	214.0	≤209	Stagell	6850×2250×2850	13500
XG-1980GF	1800/1980	4016-61TRG3	1975/2173	16	214.0	≤205	Stagell	6850×2250×2850	15000

Above Gensets all base on 50Hz,1500RPM, Rated Voltage 400V/230V, Power factor is 0.8lag and connecting method are 3phase 4Wire. Above technical data would not be as shipment date. The technical data is subject to change without notice because of the technology progress.