



Starlight MTU Series

Power range: 220KW-2750KW

- ★ The fuel consumption and all emission targets of the two new series of engines represent the latest technological level.
- ★ Longer repair intervals, significantly simplified maintenance procedures.
- ★ Strong adaptability, can be used in all application areas from fixed to mobile.



it

Wide application

*Including construction, agriculture, sea, oil and gas, mining, railways, power plants and defense industries.



Fuel adaptation

*The special treatment technology of MTU/DDC on cylinder block can completely avoid the influence of high sulphur content of domestic diesel oil on diesel engine. It also ensures that in a large number of practical use in China, the MTU continuous operation failure time record is more than 10 times higher than that of other international advanced EFI diesel engines.



Fault Prevention

*MTU/DDC's unique electronic management system can detect the hidden trouble of diesel engine all the time. It can show 385 fault codes. The type of fault diagnosis is several times higher than that of other international advanced EFI diesel engines.



Good performance

*Diesel engine is installed with multiple sensors which can read continuously the various operating parameters of the diesel engine: cooling water temperature, oil pressure, oil temperature, pressurized air temperature and pressure, fuel temperature, speed, etc. According to the above information, the electronic management system controls the injection phase and fuel injection amount of the injector (electronically controlled injector) by an internal optimization program set within the system. Make diesel engine have the best performance under each operation condition: fuel consumption rate (or emission level), smoke at start, cold start performance, etc.



Reliability

* Maximum availability, minimum downtime and maximum efficiency in 24/7 continuous use.
*Compared with the EU stage III A / EPA Tier 3, the series 1600, 2000 and 4000 save 5% fuel and the engine's life is up to 20%.

Technical Data



Starlight/Mercedes-Benz series diesel generator set is imported from Germany MTU (Mercedes-Benz) original engine matching British-funded Stamford, Sino-French joint venture Leroy Somer, and the United States Marathon and so on high-quality brand motors. As a global brand product, MTU (Mercedes-Benz) has withstood the test of history. 80% of worldwide military equipment power adopted MTU (Mercedes-Benz) products, after-sales service outlets throughout the country.

MTU SERIES									
Set Type	Prime Power (KW/KVA)	Standby Power (KW/KVA)	Engine model	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-220GF	200/250	220/275	6R1600G10F	6	46	199	Stage I I	2800×1150×1650	2500
XG-275GF	250/313	275/344	6R1600G20F	6	46	199	Stage I I	2800×1150×1650	2530
XG-319GF	290/363	319/400	8V1600G10F	8	46	191	Stage I I	2840×1660×1970	3250
XG-330GF	300/375	330/413	8V1600G20F	8	46	191	Stage I I	2840×1660×1970	3300
XG-385GF	350/438	385/481	10V1600G10F	10	61	191	Stage I I	3230×1660×2040	3800
XG-440GF	400/500	440/550	10V1600G20F	10	61	191	Stage I I	3320×1660×2040	3900
XG-528GF	480/600	528/660	12V1600G10F	12	73	195	Stage I I	3320×1400×1970	4200
XG-550GF	500/625	550/688	12V1600G20F	12	73	195	Stage I I	3400×1350×1850	4410
XG-550GF-1	500/625	550/688	12V2000G25	12	77	197	Stage I I	3900×1650×2280	6500
XG-704GF	640/800	704/880	12V2000G65	12	77	202	Stage I I	3950×1650×2280	7000
XG-770GF	700/875	770/963	16V2000G25	16	102	198	Stage I I	4500×2000×2300	7800
XG-880GF	800/1000	880/1100	16V2000G65	16	102	198	Stage I I	4500×2000×2300	7800
XG-1001GF	910/1138	1001/1251	18V2000G65	18	130	198	Stage I I	4770×1805×2400	8250
XG-1210GF	1100/1375	1210/1513	12V4000G21R	12	260	199	Stage I I	6100×2100×2400	11500
XG-1320GF	1200/1500	1320/1650	12V4000G23R	12	260	195	Stage I I	6150×2150×2400	12000
XG-1540GF	1400/1750	1540/1925	12V4000G23	12	260	189	Stage I I	6150×2400×2800	13000
XG-1650GF	1500/1875	1650/2062	12V4000G63	12	260	193	Stage I I	6150×2400×2800	14000
XG-1890GF	1800/2250	1980/2475	16V4000G23	16	300	192	Stage I I	6500×2700×2900	17000
XG-2090GF	1900/2375	2090/2613	16V4000G63	16	300	191	Stage I I	6550×2700×2950	17500
XG-2420GF	2200/2750	2420/3025	20V4000G23	20	390	191	Stage I I	7350×2700×3000	18000
XG-2640GF	2400/3000	2640/3300	20V4000G63	20	390	191	Stage I I	7400×3100×3300	18500
XG-2750GF	2500/3125	2750/3438	20V4000G63L	20	390	191	Stage I I	7400×3100×3320	19000

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.