10KW YuChai Diesel genset Technical parameters

output power（KW)	10KW		
Output Capacity(KVA)	12.5		
power factor	0.8Lag		
frequency(Hz)	50		
Output Voltage(V)	230/400		
Output Current(A)	18		
Overall Size（L*W*H）(mm)	1680*680*1000		
Net Weight (kg)	310		
Diesel Engine			
Manufacturer	**GUANGXI YUCHAI MACHINERY CO.,LTD**		
Model	1100	Combuster Type	直喷 direct injection
Numbers of Cylinders	1	bore（mm）	95
Engine Type	horizontal type	stroke（mm）	120
	Water cooling	displacement（L）	0.850
	Fore Stroke	Fuel consumption（g/kw.h）	≤244.8
Rated power（KW）	11.5	Idling（r/min）	≤800
Rotate Speed（r/min）	1500	compression ratio	17
maximum torque（N.m）	≥55.9	Start Method	Electrical Starter
Maximum torsional moment speed（r/min）	≤1760	Net weight（kg）	2.1
Alternator			
Manufacturer	GUANGDONG SALPOWER ALTERNATOR		
Voltage adjustment range	≥±5%	voltage regulation factor	≤±1.0%
Insulation grade	F	Voltage Control Model	AVR(SMAVC6307)
Level of protection	IP22	Overload Capacity	1.5 times /2 minute
efficiency	93.60%	short-circuit capacity	3 times/2 second
electromagnetic interference coefficient	THF<2%,TIF<50	type of cooling	Self-cooling

15KWYuChai Genset technical datas

Genset			
Genset OEM Manufacturers	GuangDong Salpower Equipment Co., ltd		
Engine Brand	Yuchai，GuangXi -		
Generator Brand	GUANGDONG SALPOWER ALTERNATOR		
Output rating/standbyOutput rating，KW)	15/16.5		
Rated Capacity/standby Capacity(KVA)	18.75/20.625		
power factor	0.8 牙吐		
Frequency(Hz)	50		
output voltage (V)	440/230		
rated output current /Standby output current (A)	27/29.7		
Smoke Grade	1		
Overall size，L*W*H - (mm)	1680*830*950		
Weight(kg)	380		
DIESE ENGINE			
Manufacturers	GUANGXI YUCHAI MACHINERY Co.,LTD	The power of diesel engine > 18/21KW	
Model	YC2108D	Rated Speed，RPM)	1500
Numers of Cylinder	2	Fuel Standand	丰图 0#，通栉浓 -
Arragement mode of Cylinder	L	Fuel consumption rate，g/kw.h)	255
bore/stroke，mm)	108/120	Lubrication oil rate	API-CD 置仪下
Compression Ratio	14 > 1	Lubrication Consumption，g/kw.h)	≧0.8
Aspiration	Turbocharged	Maximum temprerature of lubrication oil，£ -	121
thermostat attemperation range，£ -	82-93	Starting motor voltage	24V
Maximum Back pressure，KPa)	10	Maximum discharge smoke temperature，£ -	500
Type of cooling	circulating water cooling	total displacement	2.2L
Alternator			
Manufacturers	GUANGDONG SALPOWER ALTERNATOR		Model > SAL-15
Voltage adjustment range	≮±0.5%	steady statevoltage regulation factor	≧±1.0%
voltage regulating mode	AVR 眼厌跃厌	exciting mode	构券
insulation grade	F	overspeed	2250min-1
level of protection	IP22	type of cooling	萨冻弓
efficiency	95.1%	electromagnetisminterfer	THF<2%,TIF<50
liquid crystal Display Controller			
Brand	Deep Sea	Model	DSE6020

20KWYuChai Genset technical datas

Genset			
Genset OEM Manufacturers	GuangDong Salpower Equipment Co., ltd		
Engine Brand	Yuchai，GuangXi -		
Generator Brand	GUANGDONG SALPOWER ALTERNATOR		
Output rating/standbyOutput rating，KW)	20/22		
Rated Capacity/standby Capacity(KVA)	25/27.5		
power factor	0.8 牙吐		
Frequency(Hz)	50		
output voltage (V)	440/230		
rated output current /Standby output current (A)	36/39.6		
Smoke Grade	1		
Overall size，L*W*H - (mm)	1880*830*950		
Weight(kg)	400		
DIESE ENGINE			
Manufacturers	GUANGXI YUCHAI MACHINERY Co.,LTD	The power of diesel engine > 24/26KW	
Model	YC2115D	Rated Speed，RPM)	1500
Numers of Cylinder	2	Fuel Standand	丰图 0#，通栉浓 -
Arragement mode of Cylinder	L	Fuel consumption rate ，g/kw.h)	250
bore/stroke，mm)	115/120	Lubrication oil rate	API-CD 置仪下
Compression Ratio	14 > 1	Lubrication Consumption ，g/kw.h)	≧0.8
Aspiration	Turbocharged	Maximum temprerature of lubrication oil ，£ -	121
thermostat attemperation range ，£ -	82-93	Starting motor voltage	24V
Maximum Back pressure，KPa)	10	Maximum discharge smoke temperature，£ -	500
Type of cooling	circulating water cooling	total displacement	2.49L
Alternator			
Manufacturers	GUANGDONG SALPOWER ALTERNATOR		Model > SAL-20
Voltage adjustment range	≮±0.5%	steady statevoltage regulation factor	≧±1.0%
voltage regulating mode	AVR 眼厌跃厌	exciting mode	构券
insulation grade	F	overspeed	2250min-1
level of protection	IP22	type of cooling	萨冻弓
efficiency	95.1%	electromagnetisminterfer	THF<2%,TIF<50
liquid crystal Display Controller			
Brand	Deep Sea	Model	DSE6020

30KWYuChai Genset technical datas

Genset			
Genset OEM Manufacturers	GuangDong Salpower Equipment Co., ltd		
Engine Brand	Yuchai，GuangXi -		
Generator Brand	GUANGDONG SALPOWER ALTERNATOR		
Output rating/standbyOutput rating，KW)	30/33		
Rated Capacity/standby Capacity(KVA)	37.5/41.25		
power factor	0.8 牙吐		
Frequency(Hz)	50		
output voltage (V)	440/230		
rated output current /Standby output current (A)	54/59.4		
Smoke Grade	1		
Overall size，L*W*H - (mm)	2100*900*1300		
Weight(kg)	1100		
DIESE ENGINE			
Manufacturers	GUANGXI YUCHAI MACHINERY Co.,LTD	The power of diesel engine > 30/33KW	
Model	YC2115ZD	Rated Speed，RPM)	1500
Numers of Cylinder	2	Fuel Standand	丰图 0#，通栉浓 -
Arragement mode of Cylinder	L	Fuel consumption rate ，g/kw.h)	245
bore/stroke，mm)	115/120	Lubrication oil rate	API-CD 置仪下
Compression Ratio	14 > 1	Lubrication Consumption ，g/kw.h)	≧0.8
Aspiration	Turbocharged	Maximum temprerature of lubrication oil ，£ -	121
thermostat attemperation range ，£ -	82-93	Starting motor voltage	24V
Maximum Back pressure，KPa)	10	Maximum discharge smoke temperature，£ -	500
Type of cooling	circulating water cooling	total displacement	2.49L
Alternator			
Manufacturers	GUANGDONG SALPOWER ALTERNATOR		Model > SAL-30W
Voltage adjustment range	≮±0.5%	steady statevoltage regulation factor	≧±1.0%
voltage regulating mode	AVR 眼厌跃厌	exciting mode	构券
insulation grade	F	overspeed	2250min-1
level of protection	IP22	type of cooling	萨冻弓
efficiency	95.1%	electromagnetisminterfer	THF<2%,TIF<50
liquid crystal Display Controller			
Brand	Deep Sea	Model	DSE6020

40KWYuChai Genset technical datas

Genset			
Genset OEM Manufacturers	GuangDong Salpower Equipment Co., ltd		
Engine Brand	Yuchai，GuangXi -		
Generator Brand	GUANGDONG SALPOWER ALTERNATOR		
Output rating/standbyOutput rating，KW)	40/44		
Rated Capacity/standby Capacity(KVA)	50/117.5		
power factor	0.8 牙吐		
Frequency(Hz)	50		
output voltage (V)	440/230		
rated output current /Standby output current (A)	72/79.2		
Smoke Grade	1		
Overall size，L*W*H - (mm)	2300*960*1500		
Weight(kg)	1150		
DIESE ENGINE			
Manufacturers	GUANGXI YUCHAI MACHINERY Co.,LTD	The power of diesel engine > 40/44KW	
Model	YC4D60-D21	Rated Speed，RPM)	1500
Numers of Cylinder	4	Fuel Standand	丰图 0#，通栉浓 -
Arragement mode of Cylinder	L	Fuel consumption rate ，g/kw.h)	230
bore/stroke，mm)	108/115	Lubrication oil rate	API-CD 置仪下
Compression Ratio	14 > 1	Lubrication Consumption ，g/kw.h)	≧1.8
Aspiration	Turbocharged	Maximum temprerature of lubrication oil ，£ -	121
thermostat attemperation range ，£ -	82-93	Starting motor voltage	24V
Maximum Back pressure，KPa)	10	Maximum discharge smoke temperature，£ -	500
Type of cooling	circulating water cooling	total displacement	4.21L
Alternator			
Manufacturers	GUANGDONG SALPOWER ALTERNATOR		Model > SAL-40W
Voltage adjustment range	≮±0.5%	steady statevoltage regulation factor	≧±1.0%
voltage regulating mode	AVR 眼厌跃厌	exciting mode	构券
insulation grade	F	overspeed	2250min-1
level of protection	IP22	type of cooling	萨冻弓
efficiency	95.1%	electromagnetisminterfer	THF<2%,TIF<50
liquid crystal Display Controller			
Brand	Deep Sea	Model	DSE6020

50KWYuChai Genset technical datas

Genset			
Genset OEM Manufacturers	GuangDong Salpower Equipment Co., ltd		
Engine Brand	Yuchai，GuangXi -		
Generator Brand	GUANGDONG SALPOWER ALTERNATOR		
Output rating/standbyOutput rating，KW)	50/55		
Rated Capacity/standby Capacity(KVA)	62.5/68.75		
power factor	0.8 牙吐		
Frequency(Hz)	50		
output voltage (V)	440/230		
rated output current /Standby output current (A)	90/99		
Smoke Grade	1		
Overall size，L*W*H - (mm)	2400*1000*1500		
Weight(kg)	1350		
DIESE ENGINE			
Manufacturers	GUANGXI YUCHAI MACHINERY Co.,LTD	The power of diesel engine > 55/60.5KW	
Model	YC4D85Z-D20	Rated Speed，RPM)	1500
Numers of Cylinder	4	Fuel Standand	丰图 0#，通栉浓 -
Arragement mode of Cylinder	L	Fuel consumption rate ，g/kw.h)	230
bore/stroke，mm)	108/115	Lubrication oil rate	API-CD 置仪下
Compression Ratio	14 > 1	Lubrication Consumption ，g/kw.h)	≧1.8
Aspiration	Turbocharged	Maximum temprerature of lubrication oil ，£ -	121
thermostat attemperation range ，£ -	82-93	Starting motor voltage	24V
Maximum Back pressure，KPa)	10	Maximum discharge smoke temperature，£ -	500
Type of cooling	circulating water cooling	total displacement	4.21L
Alternator			
Manufacturers	GUANGDONG SALPOWER ALTERNATOR		Model > SAL-50W
Voltage adjustment range	≮±0.5%	steady statevoltage regulation factor	≧±1.0%
voltage regulating mode	AVR 眼厌跃厌	exciting mode	构券
insulation grade	F	overspeed	2250min-1
level of protection	IP22	type of cooling	萨冻弓
efficiency	95.1%	electromagnetisminterfer	THF<2%,TIF<50
liquid crystal Display Controller			
Brand	Deep Sea	Model	DSE6020

60KWYuChai Genset technical datas

Genset			
Genset OEM Manufacturers	GuangDong Salpower Equipment Co., ltd		
Engine Brand	Yuchai，GuangXi -		
Generator Brand	GUANGDONG SALPOWER ALTERNATOR		
Output rating/standbyOutput rating，KW)	60/66		
Rated Capacity/standby Capacity(KVA)	75/82.5		
power factor	0.8 牙吐		
Frequency(Hz)	50		
output voltage (V)	440/230		
rated output current /Standby output current (A)	108/118.8		
Smoke Grade	乙置		
Overall size，L*W*H - (mm)	2800*1060*1580		
Weight(kg)	1950		
DIESE ENGINE			
Manufacturers	GUANGXI YUCHAI MACHINERY Co.,LTD	The power of diesel engine > 70/73.5KW	
Model	YC6B100-D20	Rated Speed，RPM)	1500
Numers of Cylinder	6	Fuel Standand	丰图 0#，通栉浓 -
Arragement mode of Cylinder	L	Fuel consumption rate ，g/kw.h)	205
bore/stroke，mm)	108/125	Lubrication oil rate	API-CD 置仪下
Compression Ratio	14 > 1	Lubrication Consumption ，g/kw.h)	≧1.5
Aspiration	Turbocharged	Maximum temprerature of lubrication oil ，£ -	121
thermostat attemperation range ，£ -	82-93	Starting motor voltage	24V
Maximum Back pressure，KPa)	10	Maximum discharge smoke temperature，£ -	500
Type of cooling	circulating water cooling	total displacement	6.87L
Alternator			
Manufacturers	GUANGDONG SALPOWER ALTERNATOR		Model > SAL-60W
Voltage adjustment range	≮±0.5%	steady statevoltage regulation factor	≧±1.0%
voltage regulating mode	AVR 眼厌跃厌	exciting mode	构券
insulation grade	F	overspeed	2250min-1
level of protection	IP22	type of cooling	萨冻弓
efficiency	95.1%	electromagnetisminterfer	THF<2%,TIF<50
liquid crystal Display Controller			
Brand	Deep Sea	Model	DSE6020

80KWYuChai Genset technical datas

Genset			
Genset OEM Manufacturers	GuangDong Salpower Equipment Co., ltd		
Engine Brand	Yuchai，GuangXi -		
Generator Brand	GUANGDONG SALPOWER ALTERNATOR		
Output rating/standbyOutput rating，KW)	80/88		
Rated Capacity/standby Capacity(KVA)	100/110		
power factor	0.8 牙吐		
Frequency(Hz)	50		
output voltage (V)	440/230		
rated output current /Standby output current (A)	144/158.4		
Smoke Grade	1		
Overall size，L*W*H - (mm)	2800*1060*1580		
Weight(kg)	2100		
DIESE ENGINE			
Manufacturers	GUANGXI YUCHAI MACHINERY Co.,LTD	The power of diesel engine > 90/99KW	
Model	YC6B135Z-D20	Rated Speed，RPM)	1500
Numers of Cylinder	6	Fuel Standand	丰图 0#，通栉浓 -
Arragement mode of Cylinder	L	Fuel consumption rate，g/kw.h)	202
bore/stroke，mm)	108/125	Lubrication oil rate	API-CD 置仪下
Compression Ratio	14 > 1	Lubrication Consumption，g/kw.h)	≧1.5
Aspiration	Turbocharged	Maximum temprerature of lubrication oil，£ -	121
thermostat attemperation range，£ -	82-93	Starting motor voltage	24V
Maximum Back pressure，KPa)	10	Maximum discharge smoke temperature，£ -	500
Type of cooling	circulating water cooling	total displacement	6.87L
Alternator			
Manufacturers	GUANGDONG SALPOWER ALTERNATOR		Model > SAL-80W
Voltage adjustment range	≮±0.5%	steady statevoltage regulation factor	≧±1.0%
voltage regulating mode	AVR 眼厌跃厌	exciting mode	构券
insulation grade	F	overspeed	2250min-1
level of protection	IP22	type of cooling	萨冻弓
efficiency	95.1%	electromagnetisminterfer	THF<2%,TIF<50
liquid crystal Display Controller			
Brand	Deep Sea	Model	DSE6020

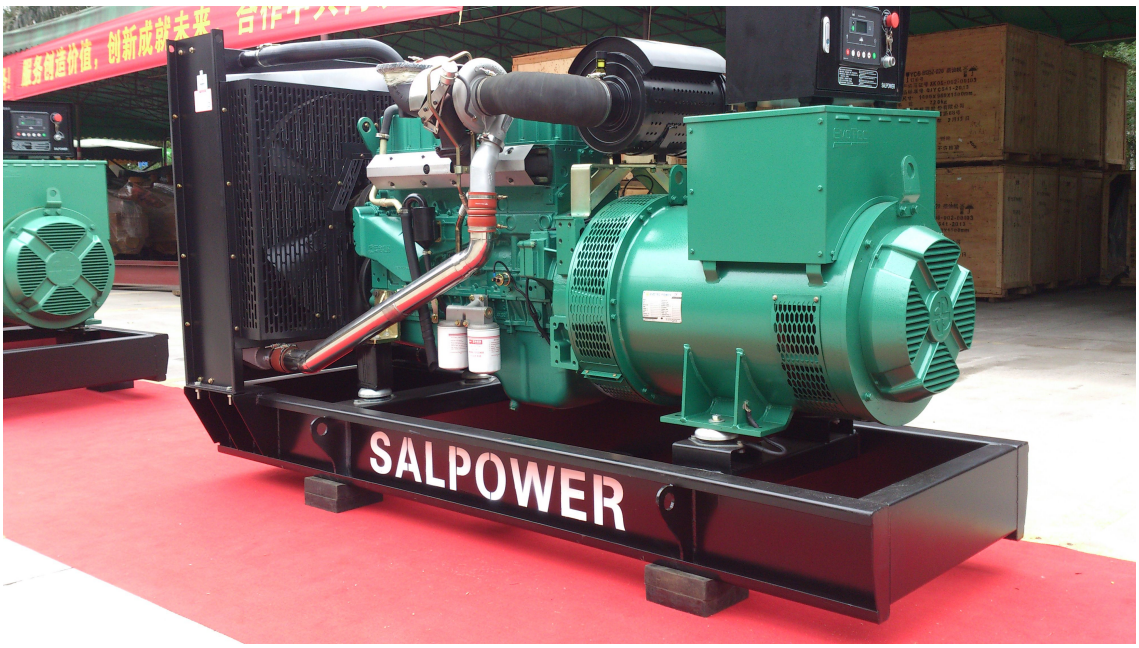
100KWYuChai Genset technical datas

Genset			
Genset OEM Manufacturers	GuangDong Salpower Equipment Co., ltd		
Engine Brand	Yuchai，GuangXi -		
Generator Brand	GUANGDONG SALPOWER ALTERNATOR		
Output rating/standbyOutput rating，KW)	100/110		
Rated Capacity/standby Capacity(KVA)	125/137.5		
power factor	0.8 牙吐		
Frequency(Hz)	50		
output voltage (V)	440/230		
rated output current /Standby output current (A)	180/198		
Smoke Grade	1		
Overall size，L*W*H - (mm)	3000*1100*1700		
Weight(kg)	2400		
DIESE ENGINE			
Manufacturers	GUANGXI YUCHAI MACHINERY Co.,LTD	The power of diesel engine > 114/125KW	
Model	YC6B180L-D20	Rated Speed，RPM)	1500
Numers of Cylinder	6	Fuel Standand	丰图 0#，通栉浓 -
Arragement mode of Cylinder	L	Fuel consumption rate ，g/kw.h)	225
bore/stroke，mm)	108/125	Lubrication oil rate	API-CD 置仪下
Compression Ratio	14 > 1	Lubrication Consumption ，g/kw.h)	≧0.5
Aspiration	Turbocharged	Maximum temprerature of lubrication oil ，£ -	121
thermostat attemperation range ，£ -	82-93	Starting motor voltage	24V
Maximum Back pressure，KPa)	10	Maximum discharge smoke temperature，£ -	500
Type of cooling	circulating water cooling	total displacement	6.87L
Alternator			
Manufacturers	GUANGDONG SALPOWER ALTERNATOR		Model > SAL-100W
Voltage adjustment range	≮±0.5%	steady statevoltage regulation factor	≧±1.0%
voltage regulating mode	AVR 眼厌跃厌	exciting mode	构券
insulation grade	F	overspeed	2250min-1
level of protection	IP22	type of cooling	萨冻弓
efficiency	95.1%	electromagnetisminterfer	THF<2%,TIF<50
liquid crystal Display Controller			
Brand	Deep Sea	Model	DSE6020

加装智能液晶控制器（供参考）

仪下 80KW 眉亨丰碍骨鸟垫取眼柔而，依又航 -

2013/10/19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