

PRIME OR STANDBY · SINGLE UNIT OR SYNCHRONISED · 50 & 60 Hz

250 – 1 000 kVA

大容量柴油发电机组

Above 200 kVA a generator stops being a purchase and becomes a **responsibility**: if it stops, the mine stops. So we give you the three things that decide the job at this size — **what it burns per hour, how it ships**, and **which engine family your technicians can already service**. All three engine families below are stocked in most export markets.

250 · 300 · 350 · 400 · 500 · 600 · 800 · 1 000 kVA

MODEL SELECTION · FUEL BURN · SHIPPING

Target kVA	Engine family	Genset model	Engine	Prime kW	≈ kVA	Fuel L/h @100%	Fuel L/h @75%	Canopy L×W×H mm	Weight kg	Per 40HQ
250 kVA										
250	YUCHAI 玉柴	KTZ180YC	YC6A275-D30	185	231	47.4	35.5	3050×1150×1800	2300	3
250	SDEC 上柴	KTZ200SC	SC8D280D2	206	258	49.0	36.8	2600×1150×1800	2500	4
300 kVA										
300	YUCHAI 玉柴	KTZ220YC	YC6MK350L-D20	235	294	54.6	40.9	3050×1150×1800	2400	3
300	SDEC 上柴	KTZ250SC	SC9D340D2	250	312	59.5	44.6	2900×1150×1800	3500	4
300	WEICHAI/WUXI 潍柴	KTZ230WD	WD129TAD23	259	324	61.0	45.8	2750×1200×1800	2400	4
350 kVA										
350	YUCHAI 玉柴	KTZ250YC	YC6MK420L-D20	281	351	65.2	48.9	3050×1150×1800	2450	3
350	SDEC 上柴	KTZ250SC	SC9D340D2	250	312	59.5	44.6	2900×1150×1800	3500	4
350	WEICHAI/WUXI 潍柴	KTZ250WD	WD129TAD25	284	355	66.9	50.2	2800×1200×1800	2550	4
400 kVA										
400	YUCHAI 玉柴	KTZ300YC	YC6MJ480L-D20	321	401	74.5	55.9	3050×1150×1800	2500	3
400	SDEC 上柴	KTZ300SC	SC12E460D2	338	422	79.7	59.8	3050×1250×1850	3700	3
400	WEICHAI/WUXI 潍柴	KTZ280WD	WD135TAD28	308	385	72.6	54.5	2900×1200×1800	2600	4
500 kVA										
500	YUCHAI 玉柴	KTZ400YC	YC6K570-D30	389	486	91.7	68.8	3200×1200×2000	3750	3
500	SDEC 上柴	KTZ400SC	SC25G610D2	446	558	108.8	81.6	3200×1200×2000	3750	3
500	WEICHAI/WUXI 潍柴	KTZ350WD	WD145TAD35	388	485	91.5	68.6	3100×1200×1800	2700	3
600 kVA										
600	YUCHAI 玉柴	KTZ440YC	YC6T660-D30/D31	441	551	100.8	75.6	3200×1200×2000	3750	3
600	SDEC 上柴	KTZ450SC	SC25G690D2	505	631	123.2	92.4	3200×1200×2000	3750	3
600	WEICHAI/WUXI 潍柴	KTZ430WD	WD269TAD43	475	594	112.0	84.0	3400×1400×2000	3800	3
800 kVA										
800	YUCHAI 玉柴	KTZ550YC	YC6TD840-D30/D31	561	701	150.3	112.7	3500×1250×2100	4500	3
800	SDEC 上柴	KTZ600SC	SC27G830D2	610	762	148.9	111.7	3600×1300×2300	4600	3
800	WEICHAI/WUXI 潍柴	KTZ580WD	WD287TAD58	646	808	152.3	114.2	3450×1450×2100	4050	3
1000 kVA										
1000	WEICHAI/WUXI 潍柴	KTZ680WD	WX287TAD68	750	938	175.0	131.2	3450×1450×2100	5500	3

YUCHAI 玉柴
Widest service network of the three. Choose it when the set sits where a local mechanic has to fix it. Strong 180 – 560 kW range.

SDEC 上柴
SAIC manufacturing standard, denser and often shorter than the others — 4 units to a 40HQ at 250 – 300 kVA. Good where freight cost per unit matters.

WEICHAI / WUXI 潍柴 · 无锡
The heavy end: large displacement, low stress per litre, built for continuous mine duty. **Only family here reaching 1 000 kVA.**

ABOVE 1 000 kVA
On request with Cummins, Perkins, MTU, Volvo, Doosan and Caterpillar engines, or containerised / synchronised packages. Send the rating and duty.

Prime kW = continuous rating, ≈ kVA derived at power factor 0.8 for reference — **we quote in kW; confirm which unit your specification uses**. Fuel burn is calculated from engine specific consumption at the stated load; actual figure depends on site altitude, ambient temperature and load profile. Dimensions and weight are for the sound-attenuated canopy; open skid and containerised versions on request. Sets up to 1 000 kVA load three units per 40HQ container. Spare parts kits shipped with the machine on request.