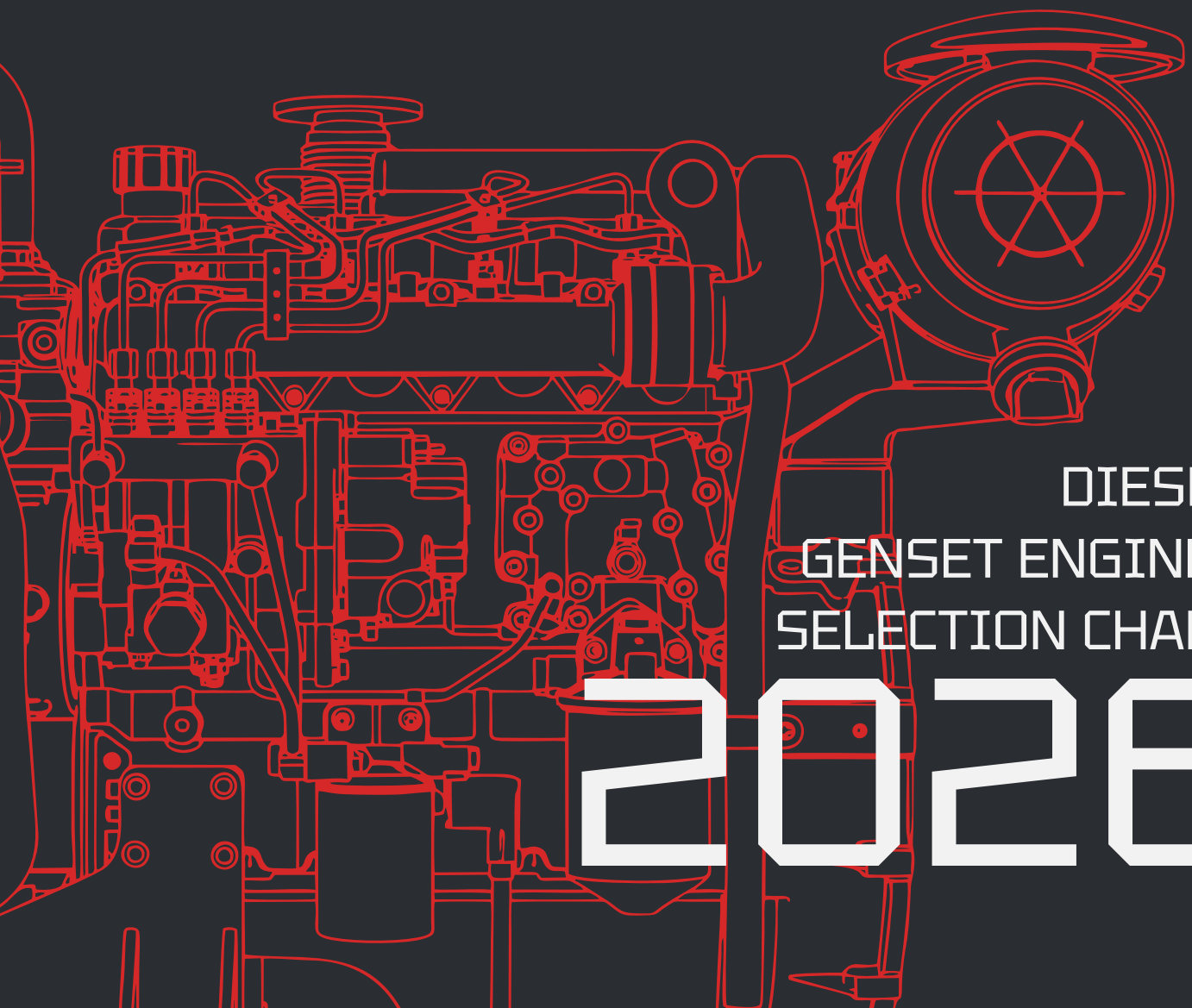




ONE BRAND. ONE POWER.

TOTAL CONTROL



DIESEL
GENSET ENGINES
SELECTION CHART

2026

50Hz STAGE-II & STAGE-III REGULATED ENGINES ESP/PRP

ENGINE MODEL	GROSS ENGINE OUTPUT 50HZ		TYPICAL GENERATOR OUTPUT 50HZ			50/60HZ DUAL SPEED	ENGINE DISPL. AND LAYOUT		FLYWHEEL		GOVERNOR TYPE	ASPIRATION	VOLTAGE DC V	EMISSION CLASS
	PRP kWm	ESP kWm	PRP kVA	PRP kVA	ESP kVA		Displ.	Cylind.	Housing	Flywheel				
									SAE	Flywheel				
F0025-0022	23	25	16	20	22	YES	2.5L	L4	SAE 4	7.5"	Electronic	N	12	II
F0025-0032	30	33	24	30	33	YES	2.5L	L4	SAE 3	11.5"	Electronic	T	12	II
F0025-0042	38	42	32	40	44	YES	2.5L	L4	SAE 3	11.5"	Electronic	T	12	II
F0042-0062	60	66	50	63	69	-	4.2L	L4	SAE 3	11.5"	Electronic	T	12	II
F0048-0082	77	85	64	80	88	-	4.8L	L4	SAE 3	11.5"	Electronic	T	12	II
F0048-0102	95	105	80	100	110	-	4.8L	L4	SAE 3	11.5"	Electronic	TA	12	II
F0048-0142	120	132	104	130	143	-	4.8L	L4	SAE 3	11.5"	Electronic	TA	12	II
F0069-0152	138	152	120	150	165	YES	6.87L	L6	SAE 2/3	11.5"	Electronic	TA	12	II
F0103-0202	192	211	160	200	225	-	10.34L	L6	SAE 1	14"	Electronic	TA	24	II
F0103-0252	235	259	200	250	275	YES	10.34L	L6	SAE 1	14"	Electronic	TA	24	II
F0103-0322	281	309	255	318	350	YES	10.34L	L6	SAE 1	14"	Electronic	TA	24	II
F0117-0372	336	370	330	375	412	YES	11.73L	L6	SAE 1	14"	Electronic	TA	24	II
F0117-0403	365	402	320	400	450	-	11.73L	L6	SAE 1	14"	ECU	CR-TA	24	IIIA
F0117-0453	401	441	360	450	500	-	11.73L	L6	SAE 1	14"	ECU	CR-TA	24	IIIA
F0129-0503	441	490	400	500	550	-	12.94L	L6	SAE 1	14"	ECU	CR-TA	24	IIIA
F0196-0623	561	616	500	625	688	-	19.6L	L6	SAE 1	14"	ECU	EP-TA	24	III
F0196-0683	605	665	550	688	750	-	19.6L	L6	SAE 1	14"	ECU	EP-TA	24	III
F0196-0753	668	735	600	750	825	-	19.6L	L6	SAE 1	14"	ECU	CR-TA	24	III
F0281-0813	715	787	650	813	900	-	28.14L	L6	SAE 0	18"	ECU	EP-TA	24	III
F0281-0913	815	897	730	913	1000	-	28.14L	L6	SAE 0	18"	ECU	EP-TA	24	III
F0281-1003	880	968	800	1000	1125	-	28.14L	L6	SAE 0	18"	ECU	EP-TA	24	III
F0392-1123	1000	1100	900	1125	1250	-	39.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0392-1253	1120	1230	1000	1250	1375	-	39.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0392-1373	1220	1342	1100	1375	1500	-	39.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0392-1503	1345	1480	1200	1500	1650	-	39.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0523-1753	1520	1672	1350	1688	1875	-	52.3L	V16	SAE 0	18"	ECU	CR-TA	24	III
F0523-1873	1680	1850	1500	1875	2063	-	52.3L	V16	SAE 0	18"	ECU	CR-TA	24	III
F0792-1873	1680	1850	1500	1875	2063	-	79.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0523-2003	1805	1985	1600	2000	2250	-	52.3L	V16	SAE 0	18"	ECU	CR-TA	24	III
F0653-2003	1805	1985	1600	2000	2250	-	65.3L	V20	SAE 00	21"	ECU	CR-TA	24	III
F0792-2003	1805	1985	1600	2000	2250	-	79.2L	V12	SAE 00	21"	ECU	CR-TA	24	III
F0653-2253	2005	2206	1800	2250	2500	-	65.3L	V20	SAE 00	21"	ECU	CR-TA	24	III
F0792-2253	2005	2206	1800	2250	2500	-	79.2L	V12	SAE 00	21"	ECU	CR-TA	24	III
F1055-2253	2005	2206	1800	2250	2500	-	105.6L	V16	SAE 00	21"	ECU	EP-TA	24	III
F1055-2503	2205	2426	2000	2500	2750	-	105.6L	V16	SAE 00	21"	ECU	EP-TA	24	III
F0653-2753	2205	2426	2000	2500	2750	-	65.3L	V20	SAE 00	21"	ECU	EP-TA	24	III
F1055-2753	2405	2646	2200	2750	3000	-	105.6L	V16	SAE 00	21"	ECU	EP-TA	24	III
F1055-3003	2673	2940	2400	3000	3250	-	105.6L	V16	SAE 00	21"	ECU	EP-TA	24	III
F1055-3123	2808	3089	2500	3125	3500	-	105.6L	V16	SAE 00	21"	ECU	CR-TA	24	III
F1055-3373	3010	3311	2700	3375	3750	-	105.6L	V16	SAE 00	21"	ECU	CR-TA	24	III
F1055-3753	3280	3608	3000	3750	4125	-	105.6L	V16	SAE 00	21"	ECU	CR-TA	24	III

50Hz STAGE-V REGULATED ENGINES ESP/PRP

ENGINE MODEL	GROSS ENGINE OUTPUT 50HZ		TYPICAL GENERATOR OUTPUT 50HZ			50/60HZ DUAL SPEED	ENGINE DISPL. AND LAYOUT		FLYWHEEL		GOVERNOR TYPE	ASPIRATION	VOLTAGE DC V	AFTERTREATMENT
	PRP kWm	ESP kWm	PRP kVA	PRP kVA	ESP kVA		Displ.	Cylind.	Housing	Flywheel				
									SAE	Flywheel				
F0025-0025	20	22	16	20	22	YES	2.5 L	L4	SAE 4	7.5"	ECU	TA	12/24	EGR+DOC+DPF
F0025-0045	37	41	30	38	40	YES	2.5 L	L4	SAE 4	7.5"	ECU	TA	12/24	EGR+DOC+DPF
F0048-0075	74	81	60	75	80	YES	4.8 L	L4	SAE 3	11.5"	ECU	TA	24	DOC+DPF+SCR
F0048-0105	95	105	80	100	110	YES	4.8 L	L4	SAE 3	11.5"	ECU	TA	24	DOC+DPF+SCR
F0048-0155	125	138	110	138	165	YES	4.8 L	L4	SAE 3	11.5"	ECU	TA	24	DOC+DPF+SCR
F0075-0195	175	192	150	188	200	YES	7.5 L	L6	SAE 1	14"	ECU	TA	24	DOC+DPF+SCR
F0075-0235	210	231	184	230	250	YES	7.5 L	L6	SAE 1	14"	ECU	TA	24	DOC+DPF+SCR
F0075-0255	235	259	200	250	275	YES	7.5 L	L6	SAE 1	14"	ECU	TA	24	DOC+DPF+SCR
F0103-0315	291	320	250	313	344	YES	10.3 L	L6	SAE 1	14"	ECU	TA	24	DOC+DPF+SCR
F0103-0355	320	352	280	350	375	YES	10.3 L	L6	SAE 1	14"	ECU	TA	24	DOC+DPF+SCR
F0117-0405	370	407	320	400	425	YES	11.7 L	L6	SAE 1	14"	ECU	TA	24	DOC+DPF+SCR
F0117-0455	441	401	360	450	500	YES	11.7 L	L6	SAE 1	14"	ECU	TA	24	DOC+DPF+SCR

POWER DEFINITIONS:

ESP = STANDBY POWER

According to ISO8528 is maximum power available during variable electrical power sequence up to 200h of operation per year, permissible output over 24h operation should not exceed 70% ESP

PRP = PRIME POWER

According to ISO8528 is maximum power engine can deliver continuously for unlimited number of hours per year permissible output over 24h operation should not exceed 70% PRP

NOTES:

Electrical output is based on assumed alternator efficiency for guidance only kVA figures are calculated using 0.8 Power Factor

All ratings data are based on operation under ISO-8528-1 and ISO3046

Emission classes are certified according to EU NRMM, CH T3, ECE R96 directives

REMARKS:

Performance tolerance is +/-5% based on typical fan size and ratio. Please refer to the specific engine data sheet for more information.

The standard scope of YUCHAI Genset engine includes engine, standard radiator with pusher fan, air cleaner and electronic governor or ECU.

All information contained with this document was correct at the time of printing and may be subject to change.

ABBREVIATIONS:

N - natural aspirated

T - turbocharged engine

TA - turbocharged and aftercooled engine

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