



ONE BRAND. ONE POWER.

TOTAL CONTROL

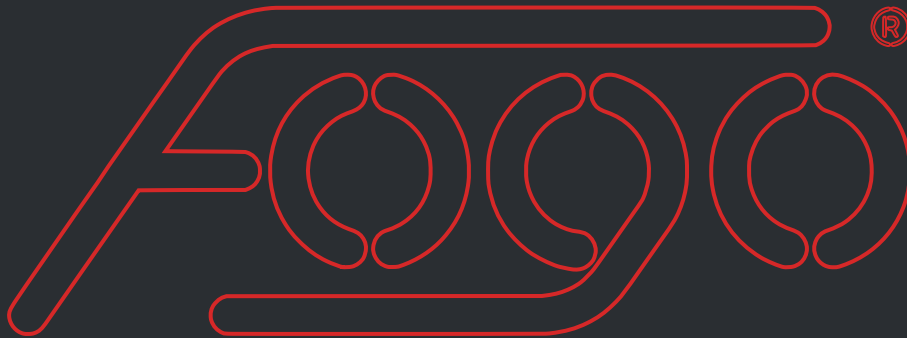
A red line-art illustration of server racks is positioned in the lower half of the page. The racks are shown in perspective, with various components like fans, ports, and handles visible. The lines are thin and consistent in color, creating a technical and industrial feel.

DATA
CENTER POWER
SELECTION CHART

2026

50Hz ENGINES DATA CENTER POWER

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
	DCP kWm	ESP kWm	DCP kWe	DCP kVA		Displ.	Cylind.	Housing	Flywheel				
F0196-0753	668	735	600	750	NO	19.6L	L6	SAE 1	14"	ECU	CR-TA	24	III
F0281-0813	715	787	650	813	NO	28.14L	L6	SAE 0	18"	ECU	EP-TA	24	III
F0281-0913	815	897	730	913	NO	28.14L	L6	SAE 0	18"	ECU	EP-TA	24	III
F0281-1003	880	968	800	1000	NO	28.14L	L6	SAE 0	18"	ECU	EP-TA	24	III
F0392-1123	1000	1100	900	1125	NO	39.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0392-1253	1120	1230	1000	1250	NO	39.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0392-1373	1220	1342	1100	1375	NO	39.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0392-1503	1345	1480	1200	1500	NO	39.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0523-1753	1520	1672	1350	1688	NO	52.3L	V16	SAE 0	18"	ECU	CR-TA	24	III
F0523-1873	1680	1850	1500	1875	NO	52.3L	V16	SAE 0	18"	ECU	CR-TA	24	III
F0792-1873	1680	1850	1500	1875	NO	79.2L	V12	SAE 0	18"	ECU	CR-TA	24	III
F0523-2003	1805	1985	1600	2000	NO	52.3L	V16	SAE 0	18"	ECU	CR-TA	24	III
F0653-2003	1805	1985	1600	2000	NO	65.3L	V20	SAE 00	21"	ECU	CR-TA	24	III
F0792-2003	1805	1985	1600	2000	NO	79.2L	V12	SAE 00	21"	ECU	CR-TA	24	III
F0653-2253	2005	2206	1800	2250	NO	65.3L	V20	SAE 00	21"	ECU	CR-TA	24	III
F0792-2253	2005	2206	1800	2250	NO	79.2L	V12	SAE 00	21"	ECU	CR-TA	24	III
F1055-2253	2005	2206	1800	2250	NO	105.6L	V16	SAE 00	21"	ECU	EP-TA	24	III
F1055-2503	2205	2426	2000	2500	NO	105.6L	V16	SAE 00	21"	ECU	EP-TA	24	III
F0653-2753	2205	2426	2000	2500	NO	65.3L	V20	SAE 00	21"	ECU	EP-TA	24	III
F1055-2753	2405	2646	2200	2750	NO	105.6L	V16	SAE 00	21"	ECU	EP-TA	24	III
F1055-3003	2673	2940	2400	3000	NO	105.6L	V16	SAE 00	21"	ECU	EP-TA	24	III
F1055-3123	2808	3089	2500	3125	NO	105.6L	V16	SAE 00	21"	ECU	CR-TA	24	III
F1055-3373	3010	3311	2700	3375	NO	105.6L	V16	SAE 00	21"	ECU	CR-TA	24	III
F1055-3753	3280	3608	3000	3750	NO	105.6L	V16	SAE 00	21"	ECU	CR-TA	24	III



POWER DEFINITIONS:

DCP = Data Centre Power rating
It corresponds to the data center power (DCP) of ISO 8528, and refers to the maximum power that the engine can provide for variable or continuous electrical loads under conditions of unlimited operating time, with the maintenance intervals and procedures being carried out as prescribed by YUCHAI. The generator unit is only applicable to the backup power supply of the datacenter.

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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