

Isuzu diesel engine lineup for prime/standby generator [EPA Interim Tier-4 / Tier-3]

Conditions : Without cooling fan, With intake & exhaust resistance

Fuel : JIS-2 light fuel

KVA [50Hz/60Hz]	Engine model	Engine type	Cylinder Bore x Stroke	Displacement [Litter]	Rated output [kW/min ⁻¹]				Governor	Voltage for use	Generator efficiency [Reference]		
					50Hz		60Hz						
					Prime	Standby	Prime	Standby					
20/25	BV-4LE2	Direct injection Over head valve	4 85.0 x 96.0	2.179	19.1/1500	21/1500	22.9/1800	25.1/1800	Mechanical	12V	0.790		
30/35	BV-4LE1T				In-direct injection Over head valve	24.3/1500	28.2/1500	29.7/1800				34.0/1800	
35/45	BU-4JJ1T with turbo	4 cycle - water cooled, vertical in-line	4 95.4 x 104.9	2.999	34.2/1500	43/1500	44/1800	50/1800	Electronic		0.825		
50/60	BJ-4JJ1X with inter cooler turbo				47.6/1500	57/1500	57.5/1800	73/1800				0.852	
55/70					50/1500	57/1500	65.5/1800	73/1800					
80/100	BI-4HK1X with inter cooler turbo				4 115 x 125	5.193	76/1500	108/1500			95.7/1800	129/1800	0.857
100/125					97.2/1500	108/1500	116/1800	129/1800			0.867		
125/150	BH-6HK1X with inter cooler turbo				6 115 x 125	7.790	119/1500	143/1500			142/1800	179/1800	0.881
150/180							135.5/1500	168/1500			167.7/1800	198/1800	
200/220	BH-6UZ1X with inter cooler turbo				6 120 x 145	9.839	184.7/1500	228/1500			207/1800	260/1800	0.890
220/250							205/1500	228/1500			234/1800	260/1800	
270/300	BH-6WG1X with inter cooler turbo				6 147 x 154	15.681	239.7/1500	353/1500			270/1800	397/1800	0.920
360/400							311.3/1500	353/1500		348.3/1800	397/1800		