



GJP

10 kVA 2500 kVA

Series Diesel - PERKINS Engine

Thanks to their durability , wide - ranges, available spares and reputation **PERKINS Engines** are one of best choice among many generator manufacturers.

As same as all around the world, PERKINS Engines are improving quality and introducing new technologies in Turkey.

FIELD OF USAGE

- Several Industrial Plants
- Hospital and Farms
- Small Yatch, Marine
- Universities, Schools
- Workshops and Factories
- Fuel Stations





GJP Model Diesel Generator Technical Features- 1

MODEL			GJP10	GJP15	GJP22	GJP33	GJP50	GJP66	GJP72	GJP88	GJP110	GJP150	GJP165	GJP200	
GROUP	POWER Cosφ 0.8	STANDBY	kVA	10	15	22	33	50	66	72	88	110	150	165	200
			kW	8	12	18	26	40	53	57	70	88	120	132	160
		PRIME	kVA	9	13	20	30	45	60	65	80	100	135	150	180
			kW	7	10	16	24	36	48	52	64	80	108	120	144
BRAND			PERKINS												
MODEL			403A-11G1	403A-15G1	404A-22G1	1103A-33G	1103A-33TG1	1103A-33TG2	1104A-44TG1	1104A-44TG2	1104C-44TAG2	1106A-70TG1	1106A-70TAG2	1106A-70TAG3	
ENGINE SPEED			Rpm 1500												
PRIME POWER			8,4	12	18,4	27,7	53,8	53,8	58,4	71,9	90,1	118,3	131	157,7	
STANDBY POWER			9,2	13,2	20,3	30,4	59,3	59,3	64,3	79,1	99,5	131,4	144,1	175,2	
NUMBER OF CYLINDER AND ORDER			3 L	3 L	4 L	3 L	3 L	3 L	4 L	4 L	4 L	6 L	6 L	6 L	
SWITCHABLE			N / Y	N	N	Y	Y	Y	Y	Y	Y	N	N	N	
INTAKE SYSTEM			Natural				Turbo				Turbo ACC	Turbo	Turbo ACC		
COOLING SYSTEM			Water Cooling												
GOVERNOR			Mechanic								Electronic		Mechanic		
CYLINDER VOLUME			Lt	1,131	1,496	2,216	3,3	3,3	3,3	4,4	4,4	4,41	7,01	7,01	7,01
CYLINDER BORExSTROKE			mmxmm	77x81	84x90	84x100	105x127	105x127	105x127	105x127	105x127	105x127	105x135	105x135	105x135
COMPRESSION RATIO				23:1	22.5:1	23.3:1	19.25:1	17.25:1	17.25:1	17.25:1	17.25:1	18.2:1	18.2:1	16:1	16:1
VOLTAGE			V	12	12	12	12	12	12	12	12	24	24	24	
FUEL CONSUMPTION	STANDBY	g/kWh-t/h	268/3,6	251/4,1	244/6,1	8,1	11,7	15,4	207/16,2	205/20,5	205/24,9	205,9/33,8	201,1/36,1	201,1/36,1	
	PRIME	g/kWh-t/h	248/3,0	248/3,7	237/5,3	7,2	11,8	13,9	208/14,8	205/18,7	205/22,6	203/30,2	203,3/33,4	203,3/33,4	
	%75 OF PRIME POWER	g/kWh-t/h	257/2,3	252/2,8	238/4,0	5,61	8,23	10,4	209/11,2	207/14	207/17,1	204,5/22,7	199,7/24,7	199,7/24,7	
	%50 OF PRIME POWER	g/kWh-t/h	280/1,7	277/2,0	258/2,9	4,06	5,83	7,2	224/8,0	204/9,7	204/11,2	213,9/15,9	197,9/16,4	197,9/16,4	
TOTAL LUBRICATING CAPACITY			Lt	4,9	6	10,6	8,3	7,9	7,9	8	8	8	18	16,5	16,5
TOTAL COOLANT CAPACITY			Lt	5,2	6	7	10,2	10,2	10,2	13	13	12,6	21	21	21
BRAND			MARANELLO												
MODEL			M12	M15	M25	M33	M50	M66	M75	M88	M110	M150	M165	M200	
OUTPUT VOLTAGE			Hz 231/400												
FREQUENCY			V 50												
AUTOMATIC VOLTAGE REGULATION			±% 0,5												
DIMENSIONS	OPEN TYPE W (WITH CANOPY W)		cm	80(93)	80(93)	80(93)	90(90)	90(90)	90(90)	90(90)	110(110)	110(110)	110(110)	120(120)	120(120)
	OPEN TYPE L (WITH CANOPY L)		cm	200(210)	200(210)	200(210)	180(230)	180(230)	180(230)	180(230)	210(280)	210(280)	240(300)	280(280)	280(280)
	OPEN TYPE H (WITH CANOPY H)		cm	120(100)	120(100)	120(100)	142(172)	142(172)	142(172)	142(172)	165(183)	165(183)	150(180)	172(222)	172(222)
	UNIT WEIGHT OPEN (WITH CANOPY)		kg	650(850)	650(850)	650(850)	792(1120)	859(1187)	892(1250)	944(1282)	942(1460)	1552(2235)	1600(2300)	2105(2745)	2105(2745)



GJP Models Diesel Generator Technical Features- 2

MODEL			GJP220	GJP250	GJP275	GJP300	GJP330	GJP400	GJP450	GJP500	GJP550	GJP660	GJP700	GJP825	
GROUP	POWER Cosφ 0,8	STANDBY	kVA	220	250	275	300	330	400	450	500	550	660	700	825
			kW	176	200	220	240	264	320	360	400	440	528	560	660
		PRIME	kVA	200	230	250	275	300	350	400	455	500	600	650	750
			kW	160	184	200	220	240	280	320	364	400	480	520	600
BRAND			PERKINS												
MODEL			1106A-70TAG4	1506A-E88TAG2	1506A-E88TAG3	1506A-E88TAG4	1506A-E88TAG5	2206A-E13TAG2	2206A-E13TAG3	2506A-E15TAG1	2506A-E15TAG2	2806A-E18TAG1A	2806A-E18TAG2	4006-23TAG2A	
ENGINE SPEED			Rpm 1500												
PRIME POWER			kW 178,9	204	222	244	267	305	349	396	435	522	565	632	
STANDBY POWER			kW 196,3	222	244	267	293	349	392	434	478	574	609	695	
NUMBER OF CYLINDER AND ORDER			6 L	6 L	6 L	6 L	6 L	6 L	6 L	6 L	6 L	6 L	6 L	6 L	
SWITCHABLE			N/Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	
INTAKE SYSTEM			Turbo ACC												
COOLING SYSTEM			Water Cooling												
GOVERNOR			Mechanic						Electronic						
CYLINDER VOLUME			Lt 7,01	8,8	8,8	8,8	8,8	12,5	12,5	15,2	15,2	18,1	18,1	22,921	
CYLINDER BORExSTROKE			mmxmm 105x135	112x149	112x149	112x149	112x149	130x157	130x157	137x171	137x171	145x183	145x183	160x190	
COMPRESSION RATIO			16:1	16.1:1	16.1:1	16.1:1	16.1:1	16.3:1	16.3:1	16:1	16:1	14.5:1	14.5:1	13.6:1	
VOLTAGE			V 24	24	24	24	24	24	24	24	24	24	24	24	
FUEL CONSUMPTION			STANDBY	g/kWh-t/h 209/49,4	201/53,5	200/61	200/66	202/73	195/77	196/89	198/104	200/111	201/134	203/143	210/173
			PRIME	g/kWh-t/h 213/45,8	199/48,6	199/56	198/60	196/65	196/71	197/81	199/95	199/100	203/123	202/132	209/157
			%75 OF PRIME POWER	g/kWh-t/h 215/34,7	198/36,5	199/42	200/40	195/48	196/54	199/62	200/72	201/76	199/90	198/97	211/121
			%50 OF PRIME POWER	g/kWh-t/h 215/23,1	209/25,3	208/29	207/32	198/33	203/37	202/42	210/50	211/53	203/61	201/66	213/83
TOTAL LUBRICATING CAPACITY			Lt 16,5	41	41	41	41	40	40	62	62	62	62	113,4	
TOTAL COOLANT CAPACITY			Lt 21	29,6	29,6	29,6	29,6	51,4	51,4	58	58	61	61	105	
BRAND			MARANELLO												
MODEL			M220	M250	M275	M330	M330	M400	M450	M500	M550	M660	M700	M850	
OUTPUT VOLTAGE			V 231/400												
FREQUENCY			Hz 50												
AUTOMATIC VOLTAGE REGULATION			±% 0,5												
DIMENSIONS			OPEN TYPE W (WITH CANOPY W)	cm 120(120)	150(150)	150(150)	150(150)	150(150)	150(150)	150(150)	150(150)	150(150)	210(244)	210(244)	
			OPEN TYPE L (WITH CANOPY L)	cm 280(280)	280(280)	280(280)	310(420)	280(280)	310(420)	310(420)	350(460)	350(460)	350(460)	335(606)	335(606)
			OPEN TYPE H (WITH CANOPY H)	cm 172(222)	172(258)	172(258)	196(258)	172(258)	190(258)	190(258)	217(281)	217(281)	220(281)	220(259)	220(259)
			UNIT WEIGHT OPEN (WITH CANOPY)	kg 2105(2745)	2113(3100)	2021(3006)	2900(4004)	3004(4404)	3441(4406)	3526(4426)	3886(4786)	4070(5094)	4188(5095)	5072(7452)	6604(8414)



GJP Model Diesel Generator Technical Features- 3

		MODEL	GJP900	GJP1000	GJP1100	GJP1250	GJP1385	GJP1500	GJP1650	GJP1875	GJP2000	GJP2250	GJP2500		
GROUP	POWER Cosφ 0,8	STANDBY	kVA	900	1000	1100	1250	1385	1500	1650	1875	2000	2250	2500	
			kW	720	800	880	100	1108	1200	1320	1500	1600	1800	2000	2000
		PRIME	kVA	800	900	1000	1125	1250	1350	1500	1710	1850	2000	2250	2250
			kW	640	720	800	900	1000	1080	1200	1368	1480	1600	1800	1800
DIESEL ENGINE		BRAND	PERKINS												
		MODEL	4006-23TAG3A	4008-30TAG1	4008-TAG2A	4008-30TAG3			4012-46TAG2A	4012-46TAG3A	4016-TAG1A	4016-61TRG2	4016-61TRG3		
		ENGINE SPEED	Rpm 1500												
		PRIME POWER	kW	679	767	861	947	1055	1149	1267	1440	1537	1684	1875	
		STANDBY POWER	kW	760	844	947	1055	1166	1263	1395	1583	1690	1895	2083	
		NUMBER OF CYLINDER AND ORDER		6 L	8 L	8 L	8 L	12 V	12 V	12 V	12 V	16 V	16 V	16 V	
		SWITCHABLE	N/Y	N	N	N	N	N	N	N	N	N	N	N	
		INTAKE SYSTEM	Turbo ACC												
		COOLING SYSTEM	Water Cooling												
		GOVERNOR	Electronic												
		CYLINDER VOLUME	Lt	22,921	30,56	30,56	30,56	45,84	45,84	45,82	45,82	61,12	61,12	61,12	
		CYLINDER BORExSTROKE	mmxmm	160x190	160x190	160x190	160x190	160x190	160x190	160x190	160x190	160x190	160x190	160x190	
		COMPRESSION RATIO		13.6:1	13.1:1	13.6:1	13.1:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	13.6:1	
		VOLTAGE	V	24	24	24	24	24	24	24	24	24	24	24	
FUEL CONSUMPTION		STANDBY	g/kWh-lt/h	212/194	210/218	209/240	210/269	213/288	217/318	201/341	211/405	207/425	207/477	209/529	
		PRIME	g/kWh-lt/h	210/172	206/195	206/215	206/244	212/259	212/283	200/310	208/370	205/385	205/422	205/470	
		%75 OF PRIME POWER	g/kWh-lt/h	210/130	199/140	206/162	202/188	216/196	213/213	201/234	206/275	192/290	206/318	200/344	
		%50 OF PRIME POWER	g/kWh-lt/h	213/90	207/98	207/111	204/120	233/143	226/151	203/157	202/187	198/202	210/216	204/234	
		TOTAL LUBRICATING CAPACITY	Lt	113,4	153	153	153	177	177	177	177	237,2	237,2	237,2	
		TOTAL COOLANT CAPACITY	Lt	105	143	143	143	196	196	207	207	215	215	260	
ALTERNATOR		BRAND	MARANELLO												
		MODEL	M950	M1000	M1100	M1250	M1350	M1500	M1670	M2000	M2000	M2250	M2500		
		OUTPUT VOLTAGE	V	231/400											
		FREQUENCY	Hz	50											
		AUTOMATIC VOLTAGE REGULATION	±%	0,5											
DIMENSIONS		OPEN TYPE W (WITH CANOPY W)	cm	210 (243)	210 (243)	190 (243)	190 (243)	190 (243)	240(243)	240(243)	240(243)	243(300)	243(300)	243(300)	
		OPEN TYPE L (WITH CANOPY L)	cm	390 (605)	465(605)	465(605)	465(605)	465(605)	550(908)	550(908)	550(1219)	650(1219)	650(1219)	650(1219)	
		OPEN TYPE H (WITH CANOPY H)	cm	222(259)	255(259)	255(259)	255(259)	255(289)	275(269)	269(315)	269(322)	269(322)	269(322)	269(322)	269(322)
		UNIT WEIGHT OPEN (WITH CANOPY)	kg	7264(9014)	9303(11053)	9608(11358)	9608(11358)	9722(15220)	9802(15500)	9922(16120)	10698(19282)	12145(20409)	12345(20609)	16300(20904)	