

2022-2023 BASIC SPECIFICATIONS

GAS TURBINE ENGINES

Manufacturer	Page Reference	Model Number	Type	Fuel	Continuous Output at ISO Conditions		Heat Rate		Pressure Ratio	Mass Flow		Turbine Inlet Temp (°C)	Exhaust Temp (°C)	Output Shaft Speed (r/min)	
			EG=Electric Generator GG=Gas Generator MD=Mechanical Drive MN=Marine Propulsion	L=Liquid G=Gaseous	(bhp)	(kW)	(btu/hph)	(kJ/kWh)		(lb/s)	(kg/s)			min	max
YANMAR POWER TECHNOLOGY CO., LTD.	148, 152	AT360S	EG	L		268								1500	1800
		AT600S	EG	L		450								1500	1800
		AT900S	EG	L		700								1500	1800
		AT1200ES	EG	L		883								1500	1800
		AT1800S	EG	L		1397								1500	1800
		AT2400ES	EG	L		1765								1500	1800
		AT2900	EG	L		2133								1500	1800
		AT3600ES	EG	L		2663								1500	1800
ZORYA-MASHPROEKT	*	UGT3000	MN	L	4505	3360	8210	11615	13.5	34	15.5		440		9700
		UGT3000R	MN	L	4505	3360	8775	12415	14	35	16		470		8800
		UGT5000	EG	G	7040	5250	7955	11250	14	47	21.5		480		1500, 1800, 3000
		UGT6000	EG	G	8530	6360	8080	11430	13.5	67	30.5		425		3000
		UGT6000	MD	G	8715	6500	8080	11430	14	68	31		430		8200
		UGT6000	MN	L	9855	7350	7955	11250	14.5	71	32		440		7000
		UGT6000R	MN	L	9855	7350	8485	12000	15	72	32.5		470		4750
		UGT6000+	MN	L	11800	8800	7710	10910	16	75	34		470		7000
		UGT6000R+	MN	L	11800	8800	8210	11615	16.5	76	34.5		500		7300
		UGT8000	MD	G	11130	8300	7665	10845	16.6	73	33		470		8200
		UGT16000	EG	G	21320	15900	8105	11465	12.5	212	96		350		3000
		UGT16000R	MN	L	22195	16550	8485	12000	13.5	220	100		380		3600
		UGT16000	MD	G	22395	16700	7955	11250	13	216	98		360		5300
		UGT15000	EG	G	22665	16900	7270	10285	19.5	157	71		420		3000
		UGT15000	MD	G	22395	16700	7270	10285	19.5	157	71		420		5200
		UGT15000	MN	L	23670	17650	7190	10170	20	161	73		430		5300
		UGT15000R	MN	L	19715	14700	7955	11250	18	154	70		430		4400
		UGT15000+	MN	L	26820	20000	7070	10000	20	169	76.5		450		3500
		UGT25000	EG	G	35135	26200	7010	9915	21.5	196	89		485		3000
		UGT25000	MN	L	38485	28700	6880	9730	22.5	207	94		500		3400
		UGT25000 (DU80)	MD	G	34865	26000	7070	10000	21.5	194	88		485		5000
		UGT25000 (DN80)	MD	G	35805	26700	6975	9865	21.5	196	89		490		3700
UGT25000 (DN80)	MD	G	35805	26700	6975	9865	21.5	196	89		490		3700		