NO.	Items	Technical parameters			
1	Engine Model	4E38TG3/F	4E38TG2/F	4E38TG1/F	4E38TG0/F
2	Engine Type	Vertical, In line, 4 stroke, water cooled			
3	Induction System	Turbo			
4	Combustion Chamber	DI / ω shape			
5	Cylinder NO. – Bore × Stroke(mm)	4-102×115			
6	Valve NO. per cylinder	2			
7	Displacement (L)	3.8			
8	Compression ratio	17.5:1			
9	Dry Weight (kg)	320 (include Radiator, air filter)			
10	Dimensions (LxWxH) mm	1163×888×715 (With Radiator, air filter)			
11	Lubricating system	Splash and pressure			
12	Cooling system	Forced water cooling closed cycle			
13	Start method	Electronic start			
14	Speed governor type	E-Governor			
15	Fuel System	Weifu inline pump + E-Governor			
16	Oil capacity(L)	7L (subject to the actual charge amount)			
17	Firing order	1—3—4—2			
18	Direction of rotation	Anticlockwise (Facing the flywheel)			
19	Prime Power(kW)/speed(r/min)	50/1500	55/1800	60/1500	65/1800
20	Standby Power(kW)/speed(r/min)	55/1500	60.5/1800	66/1500	71.5/1800
21	Min. fuel consumption (g/kw·h)	≤235			
22	Oil Consumption(g/kw·h)	≤0.2			
23	Fuel type	Summer: a product 0#, 10#, light diesel fuel Winter: a product 0#,-10# -20#,-35# light diesel fuel			
24	Oil type	Summer:15W/40CF Winter:0W/30CF			
25	Speed drop level	GB/T 2820(ISO 8528) G2			
26	Maximum allowable inlet resistance (kPa)	5			
27	Maximum allowable exhaust pressure(kPa)	10			
28	Smoke intensity of standard operating condition FSN	≤2			
29	Noise Limit Lp dB(A) (bared engine)(1M)	≤102			
30	Starter Power kW	3.5			
31	Alternator Power kW	0.75			
32	System voltage V	12V			
33	Battery Type	A 120Ah cryogenic battery is recommended for cold areas where temp below-5℃			
34	Emitting level	Non Regulated			
35	Ambient Temperature	-30 ~ 50℃(need add heater when temp≤-10℃)			
36	Altitude high range at run area	Recommend to use it at below altitude 2000m, Power correction is required when altitude exceed 2000m.			