

**DC GENERATOR FOR TELECOM BASE STATION**

SPECIFICATIONS				
Genset model	TK6.5	TK7.5	TK12	TPE8
Prime power (kW)	6.5	7.5	12	8
Standby power (kW)	7.1	8.25	13.2	9
ENGINE CHARACTERS				
	Kubota			Perkins
Engine model	Z482	D722	D902	403D-11G
Engine characters	Vertical, Water-cooled, 4-cycle IDI diesel engine			Vertical, Water-cooled, 4- cycle, Direct injection
Continuous output (kW / rpm)	8.3 / 3000	14.6/3600	16.1 / 3200	10.7 /1800
Standby output (kW / rpm)	9.13 / 3000	16.0 / 3600	17.7/3200	11.8/1800
Aspiration	Natural			
NO. of cylinder	2	3		
Bore (mm) x Stroke (mm)	67x68		72 x 73.6	77x81
Displacement (L)	0.479	0.719	0.898	1.131
Compression ratio	23.5 : 1			23:01
Lub oil capacity (L)	2.5	3.8	3.8	4.9
ALTERNATOR CHARACTERS				
Alternator model	SWD245-6.5	SWD245-7.5	SWD245-12	SWD245-8.0
Continuous output (kW)	6.5	7.5	12	8
Speed (rpm)	2450	2000	2450	1800
Frequency (Hz)	326	267	326	240
DC voltage (V DC)	54			
Efficiency (%)	94		95	