

## DC GENERATOR



### ADVANTAGES

- Prime or standby power supply for the telecom base station.
- To supply power to the telecom base station load directly, or charge the batteries at the same time.
- Low noise and high efficiency: Variable speed engine which allows the generator to work at the most efficient RPM value of the engine allowing the highest fuel savings save in fuel costs 25%.
- Remote control: to configure a remote network control system to monitor and operate generator if required.
- Low ripples interference less than 200mv.

### TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS				
MODEL	TK6.5	TK7.5	TK12	TPE8
Prime Power (kVA)	6.5	7.5	12	8
Standby Power (kVA)	7.1	8.25	13.2	9
ENGINE CHARACTERISTICS				
Engine brand	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 (kVA/rpm)	8.3/3000	14.6/3600	13.1/3200	10.7/1800
Standby output (kVA/rpm)	9.13/3000	16.0/3600	17.7/3200	11.8/1800
Aspiration	Natural			
No. of cylinder	2	3		
Bore x Stroke (mm)	67 x 68		72 x 73.6	77 x 81
Displacement (L)	0.479	0.719	0.898	1.131
Compression ratio	23.5 : 1			23 : 1
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 (kVA)	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	