GENERATOR SOLUTIONS

DC GENERATORS

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, save 25% (in fuel costs)
- Remote control. Can 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 Characteristics	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 Cylinders	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 CHARACTERISTICS				
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 (VDC)	54			
Efficiency (%)	94		95	