

## 5G PRO MODEL THREE PHASE

INV MODEL	3kW	4kW	5kW	6kW	7kW	8kW	10kW	12kW	15kW	20kW	25kW	30kW	33kW	35kW	
<b>Input (DC)</b>															
Max. Peak DC Input Power (KW)	3.6	4.8	6	7.20	8.40	9.60	12	13.25	18	24	30	36	40	35	
Max. DC I/P (Vdc)	1000Vdc														
Max. MPPT I/P Current (A)	MPPT 1 ( 16A ) OR MPPT 1 ( 16A )+MPPT 2 ( 16A )										MPPT 1 (16A+16A) / MPPT 2 (16A+16A)				
MPPT Short Circuit Current (A)	20A Or 20A+20A										20A+20A / 20A+20A				
MPPT Tracking Voltage (Vdc)	200V-1000V														
Min. Start Voltage (V)	200V														
Nominal input voltage	620V														
Number of MPPT Tracker	1 Or 2					2					2				
Strings per MPPT Trackers	1					1					2				
<b>Output (AC)</b>															
Rated output power (kw)	3kW	4kW	5kW	6kW	7kW	8kW	10kW	12kW	15kW	20kW	25kW	30kW	33kW	35kW	
Rated Grid Voltage (V)	220V/380V 230V/400V (150Vac - 290Vac)														
Nominal Grid Freq. (Hz)	50Hz/60Hz														
Max. output Current AC (A)	4.3A	5.8A	7.2A	8.6A	10.1A	11.56A	14.5A	17.32A	21.7A	29A	36.3A	43.5A	47.9A	50.8A	
AC Connection (With PE)	3L-N-PE														
THDI (%)	<3%														
Output Power Factor (%)	0.8 Leading..... 1.....0.8 Lagging														
<b>Efficiency</b>															
Max. Conversion Eff.(0%)	98%														
Max. Euro Efficiency (%)	97.5%														
<b>Protection</b>															
Anti-Islanding Protection	Yes Integrated														
Insulation Resistance Detection	Yes Integrated														
Residual Current Monitoring	Yes Integrated.														
Over Voltage Protection	Yes Integrated														
DC Switch	Inbuilt														
Surge Protection	MOV/SPD/FILTERS														
<b>General Data</b>															
Dimensions (W*H*D) mm	465x352x130mm										467x351x168mm				
Weight (Kg)	11.7Kg					15Kg					18.7Kg	19.1Kg			
Noise Emission (dB)	<30dB / <60dB														
Display	LCD & LED														
DC Connection Type	MC-4														
AC Connection Type	Plug in Connector/ Terminal Block Connector														
Communication Interface	Wifi/OPRS/RS485														
Cooling Method	Natural convection/Smart Fan colling														
Operating Ambient	-30--+60°C														
Relative Humidity/%	0-100														
Max. Operating Altitude (m)	3000(>3000 Derating)														
Protection Class	IP 65														
Night stand By power consumption	<1W														
Standard Warranty	10 Years														

\*Note - All Specification are Subject to Change Without Notice Due to Continuous Upgradation In Modules Wp Capacity