

# ADVANCE POWER PERFORMANCE



## Solar On Grid SOLAR INVERTER



Higher Performance



Built In Type II SPD  
AC Side & DC Side



Less Noiser [ $<25$  Db]



Higher AC Range  
Upto 290 volt



IP 65 Rated



Low Voltage Start UP



Compatible High Watt  
Pv Module



Easy To Installed &  
Light Weight



Fanless Natural  
Cooling System

<b>MODEL</b>	<b>REM 2.2KW</b>	<b>REM 3.3KW</b>	<b>REM 3.6KW</b>	<b>REM 4.2KW</b>	<b>REM 4.6KW</b>	<b>REM 5.2KW</b>	<b>REM 6.2KW</b>
<b>PV INPUT</b>							
Max. Recommended PV Power [KW]	2.4	3.6	3.9	4.6	5.0	5.7	6.8
Max. PV Input Voltage [V]	550						600
MPPT Voltage Range [V]	70 - 550			80 - 550			80 - 600
Start-up Voltage [V]	80						
No. of MPPT Trackers	1						
No. of Input Strings per Tracker	1						
Max. PV Input Current [A]	20						
Max. Short-circuit Current [A]	30						
<b>AC OUTPUT</b>							
Rated AC Output Power [KW]	2.2	3.3	3.6	4.2	4.6	5.2	6.2
Rated AC Output Current [A]	10	15	17.2	20	21	23.6	28.2
Rated AC Voltage [V]	L / N / PE,220 / 230						
Grid Frequency [Hz]	50						
Adjustable Power Factor [cos]	0.8 ~ 0.8 Lagging						
Output THDi [@Rated Output]	<3%						
<b>EFFICIENCY</b>							
Max. Efficiency	97.5%						
Euro Efficiency	96.9%						
MPPT Efficiency	>99%						
<b>PROTECTION</b>							
DC Insulation Monitoring	Integrated						
Input Reverse Polarity Protection	Integrated						
Anti-island Protection	Integrated						
Residual Current Monitoring	Integrated						
AC Overcurrent Protection	Integrated						
AC Short-circuit Protection	Integrated						
DC Surge Protection	Integrated [Type II]						
AC Surge Protection	Integrated [Type II]						
DC Switch	Optional						
<b>GENERAL DATA</b>							
Display	LED With LCD Display						
Communication	WIFI / GPRS / RS 485 / Local Monitoring						
Ambient Temperature Range [c]	-25 ~ +65						
Relative Humidity	0 ~ 100%						
Operating Altitude [M]	2000m(>2000m Derating)						
Topology	Transformer Less						
Cooling	Natural						
Ingress Protection	Ip65						
Noise [DB]	<25						
Standard	IS 16169: 2019 / IEC 62116: 2014 / IS 16221 (Part 2) : 2015 / IEC 62109-2 :2011 / IS 17980: 2022/ IEC 62891:2020						



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