

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

MODEL	REM 2.2KW	REM 3.3KW	REM 3.6KW	REM 4.2KW	REM 4.6KW	REM 5.2KW	REM 6.2KW
PV INPUT							
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						
AC OUTPUT							
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%						
EFFICIENCY							
Max. Efficiency	97.5%						
Euro Efficiency	96.9%						
MPPT Efficiency	>99%						
PROTECTION							
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						
GENERAL DATA							
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 18221 (Part 2) : 2015 / IEC 62109-2 :2011 / IS 17980: 2022/ IEC 62891:2020						

MODEL	REM 6KW3P	REM 8KW3P	REM 10KW
PV INPUT			
Max. Recommended PV Power [KW]	7.2	9.6	12
Max. PV Input Voltage [V]	1000		
MPPT Voltage Range [V]	120 - 1000		
Rated PV Input Voltage [V]	600		
Start-up Voltage [V]	140		
No. of MPPT Trackers	1/2		
No. of Input Strings per Tracker	1		
Max. PV Input Current [A]	20		
Max. Short-circuit Current [A]	30		
AC OUTPUT			
Rated AC Output Power [KW]	6	8	10
Rated AC Output Current [A]	9.2	12.2	15.3
Rated AC Voltage [V]	3 / N / PE, 380, 400 ; ±20%		
Grid Frequency [Hz]	50Hz ; ±5		
Adjustable Power Factor [cos]	0.9 Leading ~ 0.9 Lagging		
Output THDi [@Rated Output]	<3%		
EFFICIENCY			
Max. Efficiency	98.5%		
Euro Efficiency	97.5%		
MPPT Efficiency	>99%		
PROTECTION			
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]		
Anti PID Function	Optional		
DC Switch	Integrated		
GENERAL DATA			
Dimensions (W * H * D)[mm]	283W*463H*178D		
Weight [kg]	11		
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)		
Noise [DB]	≤45		
Topology	Transformer Less		
Cooling	Natural		
Ingress Protection	Ip65		
CERTIFICATIONS AND STANDARDS			
Safety Regulation	IS 16169: 2019/IEC 62116: 2014 / IS 16221 (Part 2) : 2015 / IEC 62109-2 :2011 / IS 17980: 2022/ IEC 62891:2020		

MODEL	REM 15KW	REM 20KW	REM 25KW
PV INPUT			
Max. Recommended PV Power [KW]	18	24	30
Max. PV Input Voltage [V]	1000		
MPPT Voltage Range [V]	180 -1000		
Start-up Voltage [V]	200		
No. of MPPT Trackers	2		
No. of Input Strings per Tracker	1/1+2	2	
Max. PV Input Current [A]	20+26	26A+26A	
Max. Short-circuit Current [A]	30+39	39A+39A	
AC OUTPUT			
Rated AC Output Power [KW]	15	20	25
Rated AC Output Current [A]	22.9	30.6	38.2
Rated AC Voltage [V]	3 / N / PE,380,400 ;±20%		
Grid Frequency [Hz]	50Hz(±5%)		
Adjustable Power Factor [cos]	0.9 Leading ~ 0.9 Lagging		
Output THDi [@Rated Output]	<3%		
EFFICIENCY			
Max. Efficiency	98.5%		
Euro Efficiency	97.5%		
MPPT Efficiency	>99%		
PROTECTION			
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	Integrated		
GENERAL DATA			
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	Intelligent Fan Cooling		
Ingress Protection	Ip65		
Noise [DB]	<45		
Standard	IS 16169: 2019/IEC 62116: 2014 / IS 16221 (Part 2) : 2015 / IEC 62109-2 :2011 / IS 17980: 2022/ IEC 62891:2020		

MODEL	REM 30KW	REM 36KW	REM 40KW	REM 50KW
PV INPUT				
Max. Recommended PV Power [KW]	36	43.2	48	60
Max. PV Input Voltage [V]	1000			
MPPT Voltage Range [V]	200 - 1000			
Rated PV Input Voltage [V]	600			
Start-up Voltage [V]	200			
No. of MPPT Trackers	2			3
No. of Input Strings per Tracker	2/3		4	3
Max. PV Input Current [A]	40			
Max. Short-circuit Current [A]	60			
AC OUTPUT				
Rated AC Output Power [KW]	30	36	40	50
Rated AC Output Current [A]	41.7	50.4	55.7	70.3
Rated AC Voltage [V]	3 / N / PE, 380, 400 ; ±20%			
Grid Frequency [Hz]	50Hz ; ±5			
Adjustable Power Factor [cos]	0.9 Leading ~ 0.9 Lagging			
Output THDi [@Rated Output]	<3%			
EFFICIENCY				
Max. Efficiency	98.7%			
Euro Efficiency	98.1%			
MPPT Efficiency	>99%			
PROTECTION				
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]			
Anti PID Function	Optional			
DC Switch	Integrated			
GENERAL DATA				
Dimensions (W * H * D)[mm]	330W*572H*206D		434W*570H*243D	
Weight [kg]	28.7		39.0	
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)			
Noise [DB]	≤45			
Topology	Transformer Less			
Cooling	Intelligent Fan Cooling			
Ingress Protection	Ip65			
CERTIFICATIONS AND STANDARDS				
Safety Regulation	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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