

Single Phase String SOLAR INVERTER



2.2KW • 3.3KW • 3.6KW • 4.2KW
4.6KW • 5.2KW • 6.2KW



Higher
Performance



Anti PID
Function



Alluminium Die
Cast Body



Low Voltage
Start Up



Built in Type II SPD
AC Side and DC Side



Higher Ac Range
Upto 290volt



Easy to Installed
and Light Weight



Touch Key &
Oled Display



Less Noise
[<25 Db]



IP 65 Rated



Fanless Natural
Cooling System



Maximum
20 Amp.

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 [WP]	2640	3960	4320	4620	5520	6240	7440
Max. PV Input Voltage [V]	500	550	600				
MPPT Voltage Range [V]	80 - 550						
Rated PV Input Voltage [V]	360						
Start-up Voltage [V]	70		100				
No. of MPPT Trackers	1		1				
No. of Input Strings per Tracker	1		1				
Max. PV Input Current [A]	18		20				
Max. Short-circuit Current [A]	23		25				
AC Output							
Rated AC Output Power [W]	2200	3300	3600	4200	4600	5200	6200
Max. AC Output Apparent Power [VA]	2200	3300	3600	4200	4600	5200	6200
Max. AC Output Current [A]	10	15	16	19	21	23.6	28.2
Rated AC Voltage [V]	L / N / PE, 220 / 230						
Grid Frequency [Hz]	50						
Adjustable Power Factor [cosΦ]	0.8 leading ~ 0.8 lagging						
Output THDi [@Rated Output	< 3%						
Efficiency							
Max. Efficiency	97.5%	97.6%	97.9%	97.9%	97.9%	97.9%	97.9%
Euro Efficiency	96.9%	97.2%	97.2%	97.2%	97.2%	97.2%	97.2%
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]						
AFCI Protection	Optional						
DC Switch	Optional						
General Data							
Display	LED + OLED						
Communication	RS485, USB Upgrade, Optional: Wi-Fi, Ethernet						
Ambient Temperature Range [c]	-25 ~ +60						
Relative Humidity	0 ~ 100%						
Operating Altitude [M]	≤ 2000						
Night Self-consumption [W]	< 1						
Topology	Transformer less						
Cooling	Natural						
Ingress Protection	IP65						
Noise [DB]	< 25						
Standard	IS 16221 (PART 2):2015/IEC 62109-2 :2011 & IS 16169 :2014/IEC 62116 :2008						