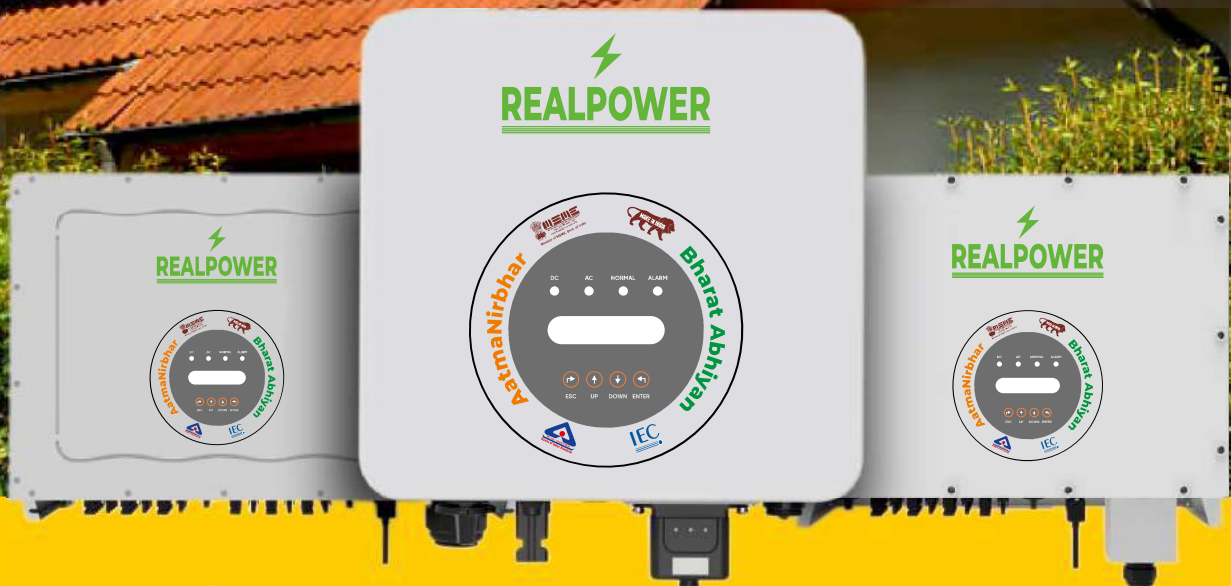


COMMITMENT OF UNINTERRUPTED POWER



Leading features :

- Advance Control technology with wide MPPT range
- Max. efficiency upto 98.9%
- Heavy duty inbuilt DC isolation switch.
- Advance thermal protection
- Max. DC input current per string.
Compatible upto 800 WP Solar panel.
- Type II DC / AC SPD, frequency drop control technology.
- Intelligent Fan based cooling on higher Capacity model.
- RS 485, remote monitoring (Wi-Fi /GPRS)
- DC overloading upto 20%
- Active + passive islanding protection.
- Low self consumption at night < 1W
- Intelligent string monitoring



**AatmaNirbhar
Bharat Abhiyan**

GRID TIE INVERTER - THREE PHASE

4.0KW-25KW

CAPACITY (KW)	4	5	6	7	8	9	10	12	15	18	20	25
INPUT (DC)												
Max. DC input power (KW)	5.2	6.0	7.2	8.4	9.6	10.8	12.0	14.4	18.0	21.6	24.0	30.0
Max. DC I/P (Vdc)	1000V											
Max. MPPT I/P Current (A)	20A						20A+26A			30A		
MPPT Short Circuit Current (A)	30A						30A+39A			46A		
MPPT Tracking Voltage (Vdc)							180-1000V					
Start-Up Voltage(V)	140V						200V					
Number of MPPT Tracker	1/2						2					
Strings per MPPT Tracker	1						1/1+2		1+2		2	
OUTPUT (AC)												
Rated output power (KW)	4	5	6	7	8	9	10	12	15	18	20	25
Rated Grid Voltage (V)	415V											
Voltage Operating Range (V)	280-455V											
Rated Grid freq. (Hz) / Range	50Hz (± 5%)											
Rated output current AC (A)	6.7	7.6	9.2	10.7	12.2	13.8	15.3	18.3	22.9	27.5	30.6	38.2
AC Connection	3P + N + PE											
THDI (%)	<3%											
Output Power factor	0.8 leading to 0.8 lagging											
EFFICIENCY												
Max. conversion Efficiency (%)	98.3%											
Max. Euro Efficiency (%)	97.5%											
MPPT Efficiency (%)	>99%											
PROTECTION												
Anti-Islanding Protection	YES											
DC Reverse Polarity Protection	YES											
Insulation Resistance Protection	YES											
Ground Fault Protection	YES											
Output Over Current Protection	YES											
Output Short circuit Protection	YES											
Output Over Voltage Protection	YES											
DC Isolator Switch	YES											
Surge Protection	DC: Type II / AC: Type II											
GENERAL DATA												
Dimensions (W*H*D) mm	330W*457H*185D						330W*508H*206D					
Weight (Kg)	10.0						20.8					
Topology	Transformerless											
Noise Emission (dB)	≤45dB											
Display	LED with LCD Display											
Cooling Method	Natural Cooling						Smart Fan Cooling					
Operating ambient Temperature	(-25°C ~ +65°C)											
Operating Humidity	0% - 100%											
Max. Operating Altitude (m)	2000 (>2000 Derating)m											
Ingress Protection	IP65											
Night Consumption (w)	<1											
Standard Warranty	10 Years											
CONNECTION TYPE												
DC connectors	MC-4											
Ingress AC plug	IP65 rated plug											
Communication Modes	WiFi / GPRS / RS 485											
Remote Monitoring	YES											



POWERCRAFT
ELECTRONICS PVT. LTD.

FACTORY / REGD. OFFICE :

Gat No.476/9/2,Sambhaji Nagar, Opposite Hanuman Mandir, Nagaon,
Tal. Hatkanagale, Dist. Kolhapur - 416 122.

CORPORATE OFFICE :

208/209, Aura Biplax Senate Premises Co-op. Soc. Ltd Above Kalyan Jewelers,
S.V. Road, Borivali(W), Mumbai-400092, Maharashtra, India.

✉ solar@realpower.in

Dealer Name & Address

Sales Contact

9372712175

9372712176

9372712177

9372712178

www.realpower.in