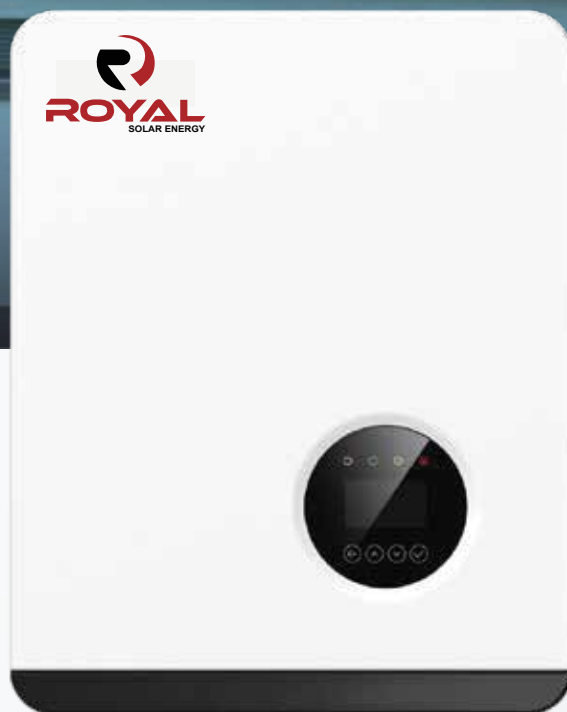




Fusion IP-66 PRO

Three Phase / On-grid / 10 KW



Features:

- ▶ RSE 3P G6-Pro Three Phase Range
- ▶ 160V-1100V MPPT voltage range-ultra low startup
- ▶ Dual MPPT design with precise MPPT algorithm
- ▶ Built-in AC Short Circuit Protection
- ▶ Built-in DC Reverse Polarity Protection
- ▶ THDi<3%, low harmonic distortion against grid
- ▶ Over 98.38% Max. efficiency
- ▶ Multiple protections levels
- ▶ RS485, 4G WiFi/LAN/GPRS interface
- ▶ WiFi monitoring available-Android and Apple App store available



MODEL	Fusion-10KW
Input (DC)	
Recommended Max PV I/P Power	15000W
Max. DC Voltage	1100 V
Nominal Voltage	650 V
Start Voltage	250 V
MPPT Voltage Range	200 - 1000 V
MPPT Voltage Range(Full load)	550 - 850 V
Number of MPPT	2
Max.Number of String per MPPT	1
Max. Input Current per MPPT	32 A
Max. Short-circuit Current per MPPT	50 A
Output (AC)	
Nominal AC Output Power	10000 W
Max. AC Output apparent Power	11200 VA
Max. AC Output active Power	11200 W
Nominal Voltage	400 / 230 V, 3P+N+PE
AC Grid Frequency Range	50Hz/60Hz
Maximum Output Current	20 A
Power Factor (Φ)	-0.8 leading +0.8 lagging
THDi	3%
Efficiency	
Max. Efficiency	99.38%
Euro Efficiency	98.01%
Protection devices	
DC Switch	Yes
Output Over Current Protection	Yes
Anti-islanding Protection	Yes
DC Reverse Polarity Protection	Yes
Insulation Detection	Yes
DC / AC Surge Protection	DC Type II; AC Type III; Type II Optional
Residual Current Monitoring	Yes
AFCI	Optional
General Specifications	
Dimensions (W x H x D)	380 x 483 x 161 mm
Weight	15.5 kg
Operating Temperature Range	-25°C ~ 60°C
Cooling Type	Natural cooling
Max. Operating Altitude	4000 m (>3000 m derating)
Max. Operating Humidity	0 ~ 100%
AC Output Terminal Type	OT
IP Class	IP66
Topology	Transformerless
PV Input Terminal Type	MC4
Display	LED
Certification & Standard	EN/IEC 62109-1; EN/IEC 62109-2; IEC/EN 61000-6-1; IEC/EN 61000-6-3; IEC/EN 61000-6-2; IEC/EN 61000-6-4; IEC 61683; IEC 60068; IEC 62116; IEC61727;