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| Model | MI-1200 |
| Input data(DC) | |
| Recommended input power (W) | 200~380 |
| MPPT voltage range (V) | 32~48 |
| Start-up voltage (V) | 22 |
| Operating voltage range (V) | 16~60 |
| Maximum input voltage (V) | 60 |
| Maximum input current (A) | 10.5 |
| Output Data (AC) | |
| Rated output power (W) | 1200 |
| Rated output current (A) | 5.22@230V a.c, 5@240V a.c, 5.76@208V a.c |
| Nominal output voltage/range (V) | 230/180-275 ¹ , 240/211-264 ¹ , 208/183-250 |
| Nominal frequency/range (Hz) | 50/45-55 ¹ , 60/59.3-60.5 ¹ |
| Power factor | >0.99 |
| Output current harmonic distortion | <3% |
| Maximum Units per 20A Branch | 3@230V a.c or 240V a.c, 3@208V a.c |
| Efficiency | |
| Peak inverter efficiency | 96.34% |
| CEC weighted efficiency | 96.0% |
| Nominal MPPT efficiency | 99.8% |
| Night time power consumption (mW) | <50 |
| Environmental & Mechanical Data | |
| Ambient temperature range (°C) | -40 ~ +65 |
| Operating temperature range (°C) | -40 ~ +85 |
| Dimensions (WxHxD mm) | 280×176×33 |
| Weight (kg) | 3.75 |
| Enclosure rating | IP67 |
| Cooling | Natural convection – No fans |
| Features | |
| Communication | Wireless |
| Design Life | >25 Years |
| ¹ Volatage and frequency ranges can be extended beyond nominal if required by the utility | |