

Input(DC)	Replus-250
Recommended PV-Generator Power (Wp)	250
Max.DC Voltage [V]	60
MPPT DC Voltage Rangeset [V]	22-55
Max.DC Current [A]	14
Max.Units per Branch Circuit	13

Output (AC)	
Nominal AC Power(W)	220
Max.AC Output Current(A)	1.1
Nominal AC Voltage / Range(V)	230 / 180—270
Nominal AC Frequency / Range(Hz)	50 / 45.5-54.5
Remote Adjust Parameters	over / under voltage, over / under frequency, reconnection time
Power Factor(cosΦ)	>0.99 (full load)
THD	<3% (full load)

Protection	
Over / Under Voltage Protection	Yes
Over / Under Frequency Protection	Yes
Anti-Islanding Protection	Yes
Over Current Protection	Yes
Reverse DC Polarity Protection	Yes
Overload Protection	Yes

Output (AC)	
Peak Efficiency	96.3%
CEC Efficiency	95.0%
MPPT Efficiency	>99.5%

General Data	
Degree of Protection	IP66 / IP67
Power Consumption at Night(W)	<0.17
Operation Ambient Temperature	-40°C~+65°C
Relative Humidity	0-95%
Display	LED Indicator
Communication	PLC(Power Line Communication)
Dimensions(WxHxD)(mm)	230*138*35
Weight(kg)	2.0(including Cables&Connectors)
Warranty	25-year limited warranty
Compliance	AS 4777.2, AS 4777.3, AS / NZS 3100, AS / NZS 61000.6.3; IEC 62109-1 / 2, EN 62109-1 / 2; DIN V VDE V 0126-1-1, VDE-AR-N 4105, DIN V VDE V 0124-100; G83, PPP 59014; 2013; EN 61000-6-2 / 3; EN 50438; C10 / 11; IEC 61727
DC Connector Type	MC4, QC4 or PV-JM601