

MultiPlus

12/2000/80 230V VE.Bus

Technical Data

	MultiPlus 12/2000/80
PowerControl / PowerAssist	Yes
Transfer switch	32A
INVERTER	
Input voltage range	9.5 – 17Vdc
Output voltage	230Vac ± 2%
Output frequency	50Hz ± 0.1%
Cont. output power at 25°C (77°F)	2000VA
Cont. output power at 25°C (77°F)	1600W
Cont. output power at 40°C (104°F)	1400W
Cont. output power at 65°C (149°F)	1000W
Peak power	3500W
Maximum efficiency	93%
Zero-load power	10W
Zero-load power search mode	3W
CHARGER	
AC input voltage range	187 – 265Vac
AC input frequency range	45 – 65Hz
Charge voltage 'absorption'	14.4V
Charge voltage 'float'	13.8V
Storage mode	13.2V
Charge current house battery	80A
Charge current starter battery	1A
Battery temperature sensor	Yes
GENERAL	
Programmable relay	Yes
Protection	a – g
Operating temperature	–40 to +65°C (–40 to +140°F), fan assisted cooling
Humidity	Maximum 95%, non-condensing
Maximum altitude	2000m
ENCLOSURE	
Material & colour	Steel/ABS, blue RAL 5012
Protection category	IP21
Battery connection	M8 bolts
230V AC connection	Screw terminals 13 mm² (6 AWG)
Weight	15.5kg (34.2lb)
Dimensions (h × w × d)	506 × 236 × 147mm (19.92 × 9.29 × 5.79 inch)
STANDARDS	
Safety	EN-IEC 60335-1, EN-IEC 60335-2-29, EN 62109-1
Emission / Immunity	EN 55014-1, EN 55014-2, EN-IEC 61000-3-2, EN-IEC 61000-3-3; IEC 61000-6-1, IEC 61000-6-2, IEC 61000-6-3
Road vehicles	ECE R10-4

Protection functions

a.	Output short circuit
b.	Overload
c.	Battery voltage too high
d.	Battery voltage too low
e.	Temperature too high
f.	230Vac on inverter output
g.	Input voltage ripple too high

Programmable relay

Function	general alarm, DC under voltage or generator start/stop signal function
AC rating	230V / 4A
DC rating	4A up to 35Vdc, 1A up to 60Vdc

Source note

Prepared from the supplied Victron technical-data PDF. The source covers MultiPlus 12/2000/80 and provides the 230Vac technical data, enclosure data and standards. This is a custom datasheet layout, not an original Victron-issued datasheet.

Source: Victron Energy, "8. Technical Data – MultiPlus 2kVA 230V", © 2025 Victron Energy English.