

8. TECHNICAL DATA

MultiPlus	12 Volt 24 Volt 48 Volt	12/800/35 24/800/16 48/800/9
PowerControl and PowerAssist		Yes
Transfer switch		16A
INVERTER		
Input voltage range	9,5 – 17V	19 – 33V 38– 66V
Output	Output voltage: 230 VAC ± 2% Frequency: 50Hz ± 0,1% (1)	
Cont. output power at 25°C (3)	800VA	
Cont. output power at 25°C	700W	
Cont. output power at 40°C	650W	
Cont. output power at 65°C	400W	
Peak power	1600W	
Maximum efficiency	92 / 93 / 94%	
Zero-load power	7 / 7 / 8W	
Zero-load power in search mode	2 / 2 / 3W	
CHARGER		
AC Input	Input voltage range: 187-265VAC Input frequency: 45 – 65Hz Power factor: 1	
Charge voltage 'absorption'	14,4 / 28,8 / 57,6V	
Charge voltage 'float'	13,8 / 27,6 / 55,2V	
Storage mode	13,2 / 26,4 / 52,8V	
Charge current house battery (4)	35 / 16 / 9A	
Charge current starter battery	1A (available on 12V and 24V models only)	
Battery temperature sensor	Yes	
GENERAL		
VE.Bus communication port	Remote monitoring and system intergration	
Programmable relay (5)	Yes	
Protection (2)	a – g	
Common Characteristics	Operating temp. range: -40 to +65°C (fan assisted cooling) Humidity (non-condensing): max 95%	
ENCLOSURE		
Common Characteristics	Material & Colour: Steel/ABS (blue RAL 5012) Protection category: IP21	
Battery-connection	25 / 16 / 10 mm ²	
230V AC-connection	G-ST18i connector	
Weight	6,4kg	
Dimensions (hxwx d)	375 x 240 x 100mm	
STANDARDS		
Safety	EN 60335-1, EN 60335-2-29, EN 62109-1	
Emission / Immunity	EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3	
Road vehicles	EN 50498	
<p>1) Can be adjusted to 60Hz and to 240V 2) Protection 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</p> <p>3) Non-linear load, crest factor 3:1 4) At 25°C ambient 5) Programmable relay which can be set for general alarm, DC undervoltage or genset start signal function AC rating: 230V/4A DC rating: 4A up to 35VDC, 1A up to 60VDC</p>		