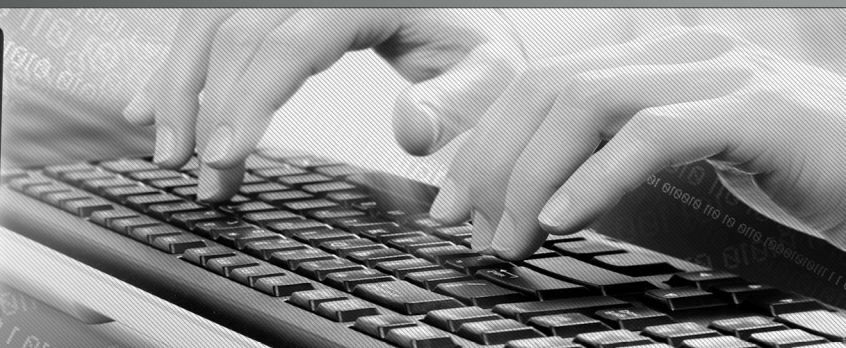


# Protect Basic PRO

## 800 - 1500 VA



### Applications



### Perfect for home applications

Only available with external batteries for long backup time. Perfect for all home and domestic applications.

### Specifications

- Line-interactive technology (VI) with pure sine wave output
- Only with external batteries
- Big charger: 10/20A (adjustable)
- Automatic Voltage Regulator - AVR
- Transfer to battery at under- and overvoltage
- LED indication
- Battery (DC) cold start
- Wide input voltage range: 130-290Vac
- Fully digitalized microprocessor controlled
- Energy saving function with UPS Green Mode
- Audible and visible alarm
- Surge protection
- Wide application range: Charger/Inverter/UPS

- 2 years warranty

### Backup time table (with external battery pack)

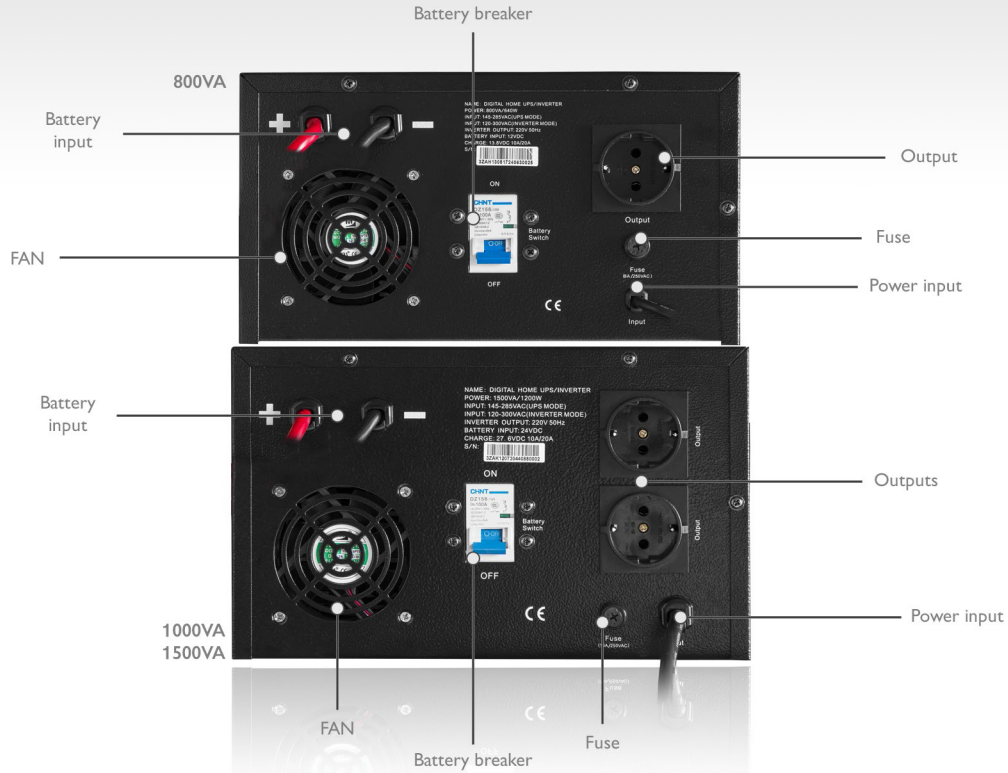
UPS with battery pack		Load in Watt						
		150W	300W	400W	600W	800W	1000W	1200W
Protect Basic Pro 800VA	BP0265	460min	210min	150min	90min			
	BP02100	750min	360min	240min	160min			
Protect Basic Pro 1000VA	BP0465	1300min	560min	330min	210min	160min		
Protect Basic Pro 1500VA	BP0465 BP04100						120min 210min	90min 160min

Backup times in minutes

Cabinet for 4 batteries  
BP0465 and BP04100

Cabinet for 2 batteries  
BP0265 and BP02100





Protect Basic Pro	Model		
	800VA	1000VA	1500VA
Power (Watt)	640W	800W	1200W
Technology	Line-interactive UPS (VI, voltage independent)		
<b>— Input</b>			
Min. voltage UPS-mode/inverter mode	145Vac (computer load) UPS / 120Vac (domestic load) INV		
Max. voltage UPS-mode/inverter mode	285Vac (computer load) UPS / 300Vac (domestic load) INV		
Frequency	38-70Hz		
Battery switching time	8-10ms (computer load), 0,5ms (domestic load)		
<b>— Output</b>			
Voltage	220/230Vac		
Waveform	Pure sine wave		
Frequency	50Hz +/-1Hz		
Voltage regulation	220Vac +/-10%		
Crest factor	2,5 : 1		
Efficiency	≥ 92%		
<b>— Battery</b>			
Type	VRLA, AGM, Gel, OPZv		
Voltage	12Vdc		24Vdc
Internal charger power (without batteries)	10/20A		
<b>— Protection</b>			
Input / Output protection against	Overvoltage, short-circuit, overload, battery deep discharge		
<b>— Alarms - informations</b>			
Audible LED	Battery mode, low battery, overload, battery replacement, alarm fault AC or battery mode, load level, battery level, fault		
<b>— Standard</b>			
Certificates	CE, ISO, GOST		
<b>— Environment</b>			
Temperature / Altitude / Humidity	0-40°C / less than 1500m / 0-95%		
Audible noise at 1m	< 50dB		
<b>— Dimensions</b>			
Weight (without batteries)	13,4kg	15kg	18,6kg
WxDxH	272x285x165mm		320x295x186mm

LINE-INTERACTIVE