



L'Énergie Sans Limite !
Safe Energy for Life !



External Battery Charger

Smart Charger S

24/48/72V

Smart Charger S is an external charger allowing to increase the additional backup time capacity of Online UPS devices.

An efficient solution

Smart Charger S is an **extremely powerful external charger that allows to configure up to 4 external additional battery modules** on a UPS device, thus providing the possibility of having **very long extended backup** for applications subject to long lasting electrical power outages.

Smart Charger S is **compatible with a wide range of Infosec UPS devices**: E3 PRO, E3 Performance, E4 Value, E4 LCD PRO, E4 LCD Evolution, E6 LCD RT Evolution. Available in **3 different voltages**, it adapts to different Online UPS battery modules.

User friendly

- **Selectable output charging current**: thanks to its selection button, Smart Charge S offers the possibility of choosing between four different charging currents (1A, 2A, 4A or 6A)
- **LED indicators** allow to recognize the charging state of the batteries



	Smart Charger S 24V	Smart Charger S 48V	Smart Charger S 72V
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GENERAL & PHYSICAL SPECIFICATIONS

Output voltage	24V	48V	72V
Dimensions - H x W x D (mm)	83 x 150 x 220 mm		
Net Weight (kg)	2	2	2.5

PROTECTION

Total protection	Overload / Short-circuit / Polarity Inversion
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INPUT TECHNICAL CHARACTERISTICS

Voltage	230 VAC		
Voltage range	110-280 VAC		
Frequency	50/60 Hz		
RMS Current rating	1.0 A	2.0 A	3.0 A

OUTPUT TECHNICAL CHARACTERISTICS

Charger working	144 W	288 W	432 W
Charging state increase	27.4 Vdc	54.7 Vdc	82.1 Vdc
Variable charging status	28.8 Vdc	57.6 Vdc	86.4 Vdc
Charging current	6 A ± 0.6 A (1A/2A/4A/6A selectable)		

LED INDICATORS

Charger working	Green LED On
Charging state increase	Yellow LED flashing
Variable charging status	Green LED On
Batteries inversion	Red LED On

ENVIRONMENT

Ideal environment	0-40°C, 0-95% of relative humidity (without condensing)
Noise level	Up to 50dB

NORMS

Standard	CE RoHS
EMC	EN 55022: 2010+AC: 2011, EN 61000-3-2: 2014, EN 61000-3-3: 2013; EN 55024: 2010 (EN 61000-4-2: 2009, EN 61000-4-3: 2006+A2: 2010, EN 61000-4-4: 2012, EN 61000-4-5: 2006, EN 61000-4-6: 2014, EN 61000-4-11: 2004)
LVD	EN 60950-1:2006/A11:2009/A1:2010/A12:2011/A2:2013

SALES INFORMATION

Warranty	2 years		
PN	61139	61140	61141



1. On/Off button
2. Battery connector
3. Input
4. Charging current selection button
5. Ground



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