



SITOP UPS500S SERVICE-FREE UNINTERRUPTIBLE POWER SUPPLY WITH USB-INTERFACE BASIC UNIT 5 KWS INPUT: 24 V DC OUTPUT: 24 V/15 A DC DEGREE OF PROTECTION IP20

Technical specifications

Input

Supply voltage / for DC / rated value	24 V
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Mains buffering

Type of energy storage	with capacitors
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Energy content / of energy storage	5 kW-s
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charging current / 1	1 A
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charging current / 2	2 A
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Output

Output voltage / on network operation / for DC / nominal value	24 V
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Output voltage / in buffering mode / with DC / rated value	24 V
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ON-delay time / typical	0.6 s
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Voltage increase time / of the output voltage / typical	25 ms
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Output current / nominal value	15 A
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delivered active power / typ.	360 W
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Efficiency

Efficiency in percent / at rated value of the output voltage / at rated value of the output current / typical	97.5 %
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Resistive loss / on nominal level of the output current: / for rated value of the output voltage / typical	9 W
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Protection and monitoring

Product function / reverse polarity protection against energy storage unit polarity reversal	Yes
Product function / protection against polarity reversal on input voltage	Yes
Signaling	
Interface	
Product component / PC interface	Yes
Design of the interface	USB
Safety	
Galvanic isolation / between entrance and outlet	No
Verification of suitability / UL-registration	Yes
Verification of suitability / CE mark	Yes
Protection class IP	IP20
EMC	
Operating data	
Ambient temperature / in operation	0 ... 60 °C
Ambient temperature / on transport	-40 ... +70 °C
Ambient temperature / in storage	-40 ... +70 °C
Mechanics	
Design of the electrical connection	screw-type terminals
Width / of the housing	120 mm
Height / of the housing	125 mm
Depth / of the housing	125 mm
Installation width	120 mm
Required spacing / top	50 mm
Required spacing / bottom	50 mm
Required spacing / left	0 mm
Required spacing / right	0 mm
Net weight	1 kg
Product feature / of the housing / housing for side-by-side mounting	Yes

