MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6EP1931-2EC31

24 V 15 A DC UPS MODULE

Used with the applicable SITOP DC UPS configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens product data sheet, 6EP1931-2EC31

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Product data sheet 6EP1931-2EC31



SITOP DC UPS MODULE 24 V/15 A UNINTERRUPTIBLE POWER SUPPLY WITH SERIAL INTERFACE INPUT: 24 V DC/16 A OUTPUT: 24 V DC/15 A

Technical specifications	
Input	
Supply voltage / for DC / rated value	24 V
Mains buffering	
Type of energy storage	with batteries
charging current / 1	0.35 A
charging current / 2	0.7 A
Output	
Output voltage / on network operation / for DC / nominal value	24 V
Output voltage / in buffering mode / with DC / rated value	24 V
ON-delay time / typical	1 s
Voltage increase time / of the output voltage / typical	60 ms
Output current / nominal value	15 A
delivered active power / typ.	360 W
Efficiency	
Efficiency in percent / at rated value of the output voltage / at rated value of the output current / typical	96.2 %
Resistive loss / on nominal level of the output current: / for rated value of the output voltage / typical	14 W
Efficiency in percent / for battery operation / typical	96 %
Active power loss / during battery operation / typical	15 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	serial
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	-25 … +60 °C
Ambient temparature / on transport	-40 … +85 °C
Ambient temparature / in storage	-40 … +85 °C
Mechanics	
Design of the electrical connection	screw-type terminals
Width / of the housing	50 mm
Height / of the housing	125 mm
Depth / of the housing	125 mm
Installation width	50 mm
Required spacing / top	50 mm
Required spacing / bottom	50 mm
Required spacing / left	0 mm
Required spacing / right	0 mm
Net weight	0.45 kg
Product feature / of the housing / housing for side-by-side mounting	Yes

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