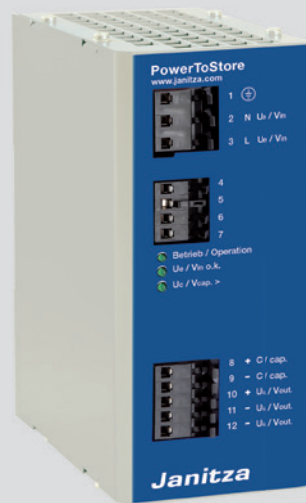




PowerToStore

Data sheet

TECHNICAL DATA DEVICE

Input	
Nominal input voltage	115 V...230 V AC $\pm 15\%$
Input voltage range for charging operation	97.8 V...264.5 V AC $\pm 0\%$
Nominal frequency	47 Hz...63 Hz
Max. nominal input current	1.5 A @ 115 V AC 0.75 A @ 230 V AC
Max. inrush current	30 A / 2 ms
Output	
Nominal output current	3 A -13 % +9 %
Nominal output voltage (in mains operation)	24.3 V DC $\pm 2\%$
Output voltage (in back-up operation)	23.5 V DC $\pm 2\%$
Power content (typical)	1.5 kJ @ ($U_a = 22.8$ V DC, $I_a = 0.6$ A)
Current limitation	See Chapter 5.5 Short-circuit current
Max power loss ,worst-case'	12 W
Efficiency	88 % @ ($U_e=230$ V AC; $U_a=24.3$ V DC; $I_a=I_N$)
Fuse	
Internal device protection	2.5 A (T), 250 V
Fuse DC-output circuit (external)	3.15 A (T)
General	
Protective system	IP20
Environmental temperature	-40 °C...60 °C (-40°F ... 140°F)
Storage temperature	-40 °C...60 °C (-40°F ... 140°F)
Rel. humidity	$\leq 95\%$ condensation not permissible
Max. mounting height (without load reduction)	2000 m (1.24 mi) above sea level
Dimensions (H x W x D)	157 mm x 72 mm x 139 mm (5.98 in x 2.83 in x 5.12 in)
Weight	0.85 kg (1.87 lb)

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Subject to technical alterations

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