

## BU150U

### Universal Input Range, 150J Buffer Module



#### Main features

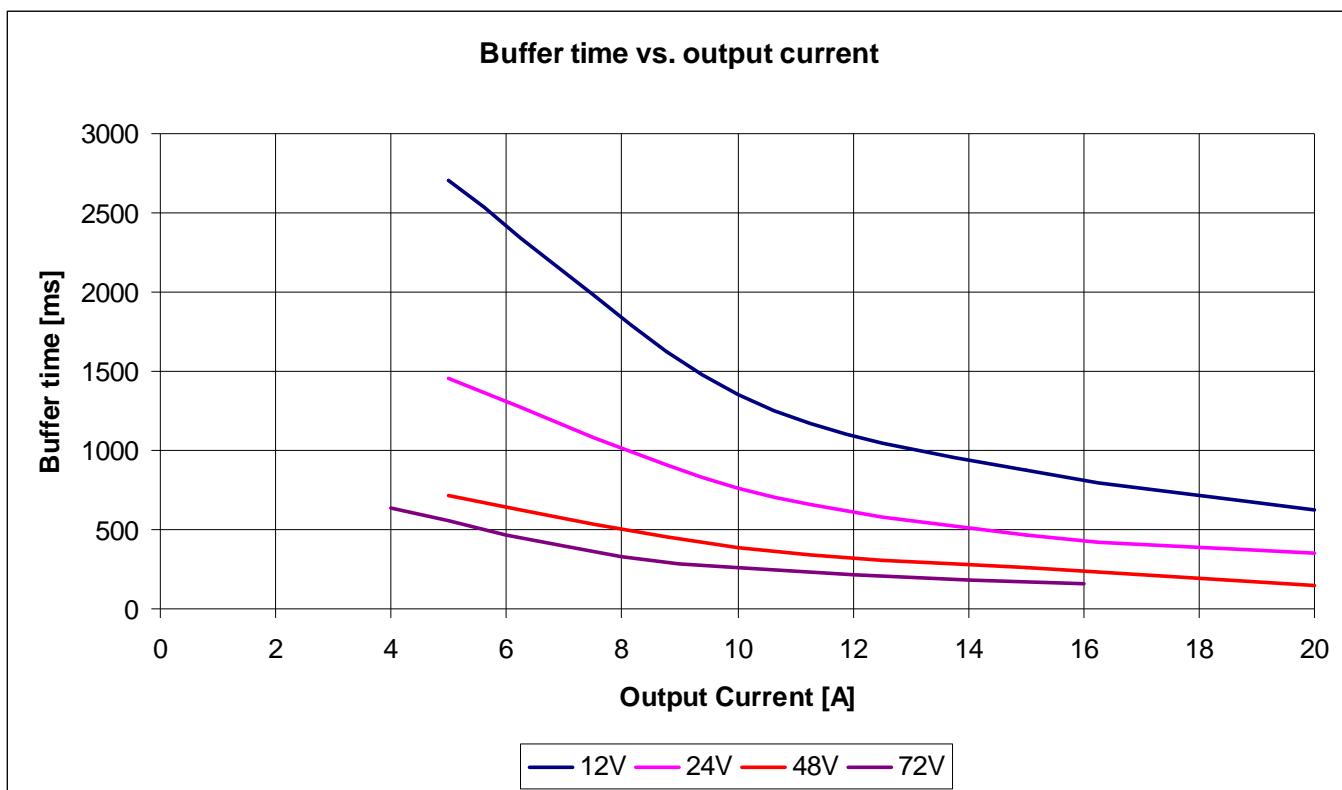
- Wide voltage range (12-85Vdc)
- DC bus voltage self tracking
- Multiple protections
- Digital regulation
- Reliable topology, based on standard electrolytic capacitors
- Compact size

## TECHNICAL DATA

Model type	BU150U
<b>OUTPUT DATA</b>	
Voltage Unom	Uin – 1V (12/24/48/72Vdc – 1V)
Continuous Output current	20A@ <48V; 16A @>48V
Max. duration of the Output Voltage	600ms / 12V @20A 300ms / 24V @20A 130ms / 48V @20A 140ms / 72V @16A
Ripple @ I Max	< 250mVpp / 24Vdc
Overload / Short circuit protection	Active – One Shot
Overvoltage protection	Active
Status Signals	"CHARGING / READY" - by LED and dry contact "LOAD ON BUFFER / POWER SUPPLY" - by LED and dry contact
<b>INPUT DATA</b>	
Voltage range	Nominal Uin: 12/24/48/72Vdc – Auto detection (12...85Vdc)
Input current	Max. 20A@ <48V; 16A @>48V
<b>GENERAL DATA</b>	
Operating modes - user settable by front button	AUTO: follows the SMPS Output voltage Fixed Output voltage (12/24/48/72Vdc)
Control	CPU
Operating temperature	- 20°C...+ 70°C
Storage temperature	- 20°C...+ 85°C
Humidity	Max. RH = 95% non condensing
Cooling	Natural convection
DC bus / ground isolation	0.75 kVdc
Safety standards	UL508 (reference), CE
EMC Standards	EN61000-6-2, EN61000-6-4
Protection degree	IP20 acc. to EN60529
Connection terminals	2.5 mm <sup>2</sup> , Pluggable screw type (24...12 AWG)
Case material	Aluminum
Approx. weight	0.800 kg
Size (W x H x D)	63.0 x 140.0 x 117.0mm
Mounting Rail	IEC 60715/H15/TH35-7.5(-15)
Rail mounting information	Vertical, allow 20mm spacing between adjacent items

## Notes:

- Technical parameters are typical, measured at 25°C
- Power rating, losses, efficiency, ripple, thermal behaviour may change outside of the nominal rated input range. Contact factory for details.
- Data may change without prior notice in order to improve the product.



### Dimensions

