Power Security Components

Description

UPS 24 VDC

The combination of the DC UPS module with at least one battery module and a SITOP power supply offers perfect protection against interruptions in the event of longer power failures.

DC UPS modules meet
- radio interference suppression class B.
- ambient temperature range from 0 °C to +60 °C.

Battery modules
- 2.5 Ah: ambient temperature range from –40 °C to +60 °C.
- 1.2 Ah to 12 Ah: ambient temperature range from +5 °C to +40 °C.

Selection and ordering data

	Design	Input voltage, rated value	Output voltage, rated value	Current, rated value	Dimensions (W x H x D)	Order No.	Weight approx.
		$U_{e\ Rated}$	$U_{a\ Rated}$	$I_{a\ Rated}$	mm		kg
	DC UPS modules						
	**6 A**	24 VDC (22–29 VDC)	24 VDC (Mains operation: 21.5 – 28.5 VDC, battery operation: 27.0 – 18.5 VDC)	6 A	50 x 125 x 125	**6EP19312DC21**	0.4
	with serial interface				50 x 125 x 125	**6EP19312DC31**	
	with USB interface				50 x 125 x 125	**6EP19312DC41**	
	**15 A**	24 VDC (22–29 VDC)	24 VDC (Mains operation: 21.5 – 28.5 VDC, battery operation: 27.0 – 18.5 VDC)	15 A	50 x 125 x 125	**6EP19312EC21**	0.6
	with serial interface				50 x 125 x 125	**6EP19312EC31**	
	with USB interface				50 x 125 x 125	**6EP19312EC41**	
	**40 A**	24 VDC (22–29 VDC)	24 VDC (Mains operation: 21.5 – 28.5 VDC, battery operation: 27.0 – 18.5 VDC)	40 A	102 x 125 x 125	**6EP19312FC21**	1.1
	with USB interface					**6EP19312FC41**	

	Design	Charging voltage at +25 °C	Output voltage, rated value		Dimensions (W x H x D)	Order No.	Weight approx.
		U_{Charge}	$U_{a\ Rated}$		mm		kg
	Battery modules						
	For DC UPS modules 6 A and 15 A						
	**1.2 Ah**	27.0 VDC	24 VDC (Charging voltage: 27.0 VDC, excessive discharge protection: 18.5 VDC)		96 x 106 x 108	**6EP19356MC01**	2
	**2.5 Ah/ High temperature battery**	27.7 VDC	24 VDC (Charging voltage: 27.7 VDC, excessive discharge protection: 18.5 VDC)		265 x 151 x 91	**6EP19356MD31**	3.8
	**3.2 Ah**	27.0 VDC	24 VDC (Charging voltage: 27.0 VDC, excessive discharge protection: 18.5 VDC)		190 x 151 x 82	**6EP19356MD11**	3.2
	For DC UPS modules 6 A, 15 A and 40 A						
	**7 Ah**	27.0 VDC	24 VDC (Charging voltage: 27.0 VDC, excessive discharge protection: 18.5 VDC)		186 x 168 x 121	**6EP19356ME21**	6
	**12 Ah**	27.0 VDC	24 VDC (Charging voltage: 27.0 VDC, excessive discharge protection: 18.5 VDC)		253 x 118 x 121	**6EP19356MF01**	9

Further information is provided in catalog KT 10.1 or: www.siemens.com/sitop