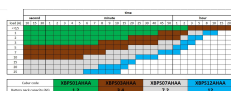
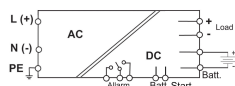


## DC-UPS power supply 120-230Vac / output 24Vdc 10A



<b>Series</b>	CSU
<b>Code</b>	XCSU1220W024VAA
<b>Type</b>	CSU1-220W/024V/AA
<b>HS code</b>	85044083
<b>INPUT TECHNICAL DATA</b>	
<b>Input rated voltage</b>	120-230 Vac
<b>Input voltage AC</b>	90...264 Vac
<b>Input voltage DC</b>	90...370 Vdc (derating U <sub>in</sub> <130 Vdc)
<b>Frequency</b>	47...63 Hz
<b>Current consumption</b>	2.73 A (120 Vac) / 1.17 A (230 Vac)
<b>Inrush peak current</b>	30 A
<b>Power factor</b>	> 0.9
<b>Internal protection fuse</b>	T 2 A
<b>External protection on AC line</b>	MCB: C-4 A / Fuse: T 4 A
<b>OUTPUT TECHNICAL DATA</b>	
<b>Output voltage range</b>	24 Vdc
<b>Output adjustable range</b>	26...28 Vdc normal operation, 17...24 Vdc battery operation
<b>Continuous current</b>	10 A
<b>Battery safety fuse</b>	Fuse: 10 A (external)
<b>Status indication</b>	LED "DC OK" / LED "Battery OK" / LED "Battery low" / LED "Load OK"
<b>Alarm contact</b>	1 dry contact (DC OK)
<b>Battery type</b>	Lead-Acid
<b>Battery capacity</b>	1.2...40 Ah (24 Vdc)
<b>Charging current</b>	2 A - 4 A switch-configurable
<b>Battery disconnection voltage</b>	≤ 18 Vdc
<b>Protection</b>	Short circuit, overload, battery deep discharge
<b>GENERAL TECHNICAL DATA</b>	
<b>Efficiency</b>	-
<b>Operating temperature range</b>	-20...+50°C
<b>Input / output isolation</b>	3 kVac / 60 s (SELV output)
<b>Input / ground isolation</b>	1.5 kVac / 60 s
<b>Output / ground isolation</b>	0.5 kVac / 60 s
<b>Safety Standard</b>	EN 62368-1
<b>EMC Standard</b>	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
<b>Overtvoltage category / pollution degree</b>	II / 2
<b>Protection degree</b>	IP 20
<b>Connection terminal</b>	2.5mm <sup>2</sup> / 1.5mm <sup>2</sup> push-in
<b>Housing material</b>	aluminium
<b>Dimensions (LxHxD)</b>	100x130x140 mm
<b>Approximate weight</b>	1.35 kg
<b>Mounting information</b>	vertical on a rail, 10 mm from adjacent components
<b>ACCESSORIES</b>	
<b>Mounting rail (IEC60715/TH35-7.5)</b>	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
<b>Mounting rail (IEC60715/TH35-15)</b>	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB
<b>APPROVALS AND MARKINGS</b>	CE



- \* Power supply with integrated battery charger
- \* Suitable for Lead-Acid batteries
- \* Supplies power to load and battery simultaneously
- \* Battery protection (overload and deep discharge)
- \* LED status indicator and alarm contact
- \* Configuration through dip-switch
- \* It allows to start loads from battery

1 Please refer to the datasheet or operating instruction for more details

## PRODUCT DESCRIPTION

CSU1/220W/024V/AA DC-UPS power supply 120-230Vac / output 24Vdc 10A