



DC-UPS

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

HS code	85044083
Code	XCSU1220W024VAA
Type	XCSU1-220W/024V/AA
INPUT TECHNICAL DATA	
Input rated voltage	120–230 Vac
Input voltage AC	90...264 Vac
Input voltage DC	90...370 Vdc (derating Uin)
Frequency	47...63 Hz
Current consumption	2.73 A (120 Vac) / 1.17 A (230 Vac)
Inrush peak current	30 A
Power factor	>0.9
Internal protection fuse	T 2 A
External protection on AC line	MCB: C-4 A / Fuse: T 4 A
OUTPUT TECHNICAL DATA	
Output voltage range	24 Vdc
Output adjustable range	26...28 Vdc normal operation, 17...26 Vdc battery operation
Continuous current	10 A at 50°C
Alarm contact	1 dry contact (DC OK)
Battery type	Lead-Acid
Battery capacity	max. 40 Ah (24 Vdc)
Charging current	2 A – 4 A selectable
Battery disconnection voltage	≤ 18 Vdc ±0.5 V
Protection	short circuit, battery overload, deep battery discharge
GENERAL TECHNICAL DATA	
Operating temperature range	-20...+50°C
Input / output isolation	3 kVac / 60 s (SELV output)
Input / ground isolation	1.5 kVac / 60 s
Output / ground isolation	0.5 kVac / 60 s
Standard / approvals	EN 62368-1
EMC Standard	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4
Overvoltage category / pollution degree	II / 2
Protection degree	IP 20
Connection terminal	2.5mm ² / 1.5mm ² push-in
Housing material	aluminium
Dimensions (LxHxD)	100x130x140 mm
Approximate weight	1.35 kg
Mounting information	vertical on a rail, 10 mm from adjacent components
ACCESSORIES	
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	PR/3/PP, PR/3/PP/ZB, PR/3/PA, PR/3/PA/ZB
APPROVALS AND MARKINGS	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* Possibility of starting load from battery
1 Please refer to the datasheet or operating instruction for more details**2** In order to complete the charge, the DC output of the power supply must be 2-3V more than nominal voltage of the battery

DESCRIZIONE DEL PRODOTTO

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