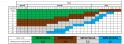


## XCSU5220W024VAA





## DC-UPS

## module 24Vdc/ 24Vdc 10A

Type	Code	XCSU5220W024VAA
INPUT TECHNICAL DATA Input rated voltage 24 Vdc Input voltage DC 2628.5 Vdc Current consumption < 14 A (full load and discharged battery)  OUTPUT TECHNICAL DATA  Output voltage range 24 Vdc Output adjustable range 2628 Vdc normal operation, 1726 Vdc battery operation Continuous current 10 A at 50°C Battery safety fuse Fuse: 15 A replaceable Status indication LED "DC OK" / LED "Battery OK" / LED "Battery low" / LED "Load OK" Alarm contact 1 dry contact (DC OK/BATTERY) Battery type Lead-Acid Battery dapacity max. 40 Ah (24 Vdc) Charging current 2 A - 4 A selectable Battery disconnection voltage ≤ 18 Vdc ±0.5 V  Protection terminal 5 Vdc ±0.5 V  Protection degree II / 2  Protection degree IP 20 Connection terminal 2.5 mm² Individual of the consumption of th	Туре	CSU5-220W/024V/AA
Input rated voltage 24 Vdc Input voltage DC 2628.5 Vdc  Current consumption < 14 A (full load and discharged battery)  OUTPUT TECHNICAL DATA  Output voltage range 24 Vdc  Output adjustable range 2628 Vdc normal operation, 1726 Vdc battery operation  Continuous current 10 A at 50°C  Battery safety fuse Fuse: 15 A replaceable  Status indication LED "DC OK" / LED "Battery OK" / LED "Battery low" / LED "Led OK"  Alarm contact 1 dry contact (DC OK/BATTERY)  Battery type Lead-Acid  Battery disconnection voltage 18 Vdc ±0.5 V  Protection 2 A - 4 A selectable  Battery disconnection voltage 18 Vdc ±0.5 V  Protection Protection battery deep discharge  GENERAL TECHNICAL DATA  Operating temperature range -20+50°C  Overvoltage category / pollution degree II / 2  Protection degree IP 20  Connection terminal 2.5 mm² / 2.5 mm²  Housing material aluminium  Dimensions (LxHxD) 55x130x115 mm	HS code	85044083
Input voltage DC       2628.5 Vdc         Current consumption       < 14 A (full load and discharged battery)         OUTPUT TECHNICAL DATA         Output voltage range       24 Vdc         Output adjustable range       2628 Vdc normal operation, 1726 Vdc battery operation         Continuous current       10 A at 50°C         Battery safety fuse       Fuse: 15 A replaceable         Status indication       LED "DC OK" / LED "Battery OK" / LED "Battery low" / LED "Battery low" / LED "Battery low" / LED "Battery ok" / LED "Battery low"         Alarm contact       1 dry contact (DC OK/BATTERY)         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       reverse polarity, short-circuit, battery overload, battery deep discharge         GENERAL TECHNICAL DATA       Teverse polarity and the polarity overload, battery deep discharge         GENERAL TECHNICAL DATA       Teverse polarity and the polarity overload, battery deep discharge         Generating temperature range       −20+50°C         Overvoltage category / pollution degree       II / 2         Protection degree       IP 20         Connection terminal       2.5 mm² / 2.5 mm²	INPUT TECHNICAL DATA	
Current consumption <14 A (full load and discharged battery)  OUTPUT TECHNICAL DATA  Output voltage range 24 Vdc  Output adjustable range 2628 Vdc normal operation, 1726 Vdc battery operation  Continuous current 10 A at 50°C  Battery safety fuse Fuse: 15 A replaceable  Status indication LED "DC OK" / LED "Battery low" / LED "Load OK"  Alarm contact 1 dry contact (DC OK/BATTERY)  Battery type Lead-Acid max. 40 Ah (24 Vdc)  Charging current 2 A - 4 A selectable  Battery disconnection voltage \$18 Vdc ±0.5 V  Protection reverse polarity, short-circuit, battery overload, battery deep discharge  GENERAL TECHNICAL DATA  Operating temperature range -20+50°C  Overvoltage category / pollution degree II / 2  Protection degree IP 20  Connection terminal 2.5 mm² / 2.5 mm²  Housing material aluminium  Dimensions (LxHxD) 55x130x115 mm	Input rated voltage	24 Vdc
OUTPUT TECHNICAL DATA  Output voltage range  Output adjustable range  Continuous current  Battery safety fuse  Status indication  Alarm contact  Battery type  Battery capacity  Charging current  Battery disconnection voltage  Status placeable  Status disconnection voltage  Battery disconnection degree  Conection degree  Department  Departme	Input voltage DC	2628.5 Vdc
Output voltage range     24 Vdc       Output adjustable range     2628 Vdc normal operation, 1726 Vdc battery operation       Continuous current     10 A at 50°C       Battery safety fuse     Fuse: 15 A replaceable       Status indication     LED "DC OK" / LED "Battery OK" / LED "Battery low" / LED "Load OK"       Alarm contact     1 dry contact (DC OK/BATTERY)       Battery type     Lead-Acid       Battery capacity     max. 40 Ah (24 Vdc)       Charging current     2 A - 4 A selectable       Battery disconnection voltage     s 18 Vdc ±0.5 V       Protection     reverse polarity, short-circuit, battery overload, battery deep discharge       GENERAL TECHNICAL DATA     Operating temperature range     -20+50°C       Overvoltage category / pollution degree     II / 2       Protection degree     IP 20       Connection terminal     2.5 mm² / 2.5 mm²       Housing material     aluminium       Dimensions (LxHxD)     55x130x115 mm	Current consumption	< 14 A (full load and discharged battery)
Output adjustable range  2628 Vdc normal operation, 1726 Vdc battery operation  Continuous current  10 A at 50°C  Battery safety fuse  Fuse: 15 A replaceable  Status indication  LED "DC OK" / LED "Battery OK" / LED "Battery low" / LED "Load OK"  Alarm contact  1 dry contact (DC OK/BATTERY)  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  reverse polarity, short-circuit, battery overload, battery deep discharge  GENERAL TECHNICAL DATA  Operating temperature range  -20+50°C  Overvoltage category / pollution degree  II / 2  Protection degree  IP 20  Connection terminal  2.5 mm² / 2.5 mm²  Housing material  Dimensions (LxHxD)  55x130x115 mm	OUTPUT TECHNICAL DATA	
Continuous current Battery safety fuse Fuse: 15 A replaceable  Status indication LED "DC OK" / LED "Battery OK" / LED "Battery low" / LED "Load OK"  Alarm contact 1 dry contact (DC OK/BATTERY)  Battery type Lead-Aci0 A hi (24 Vdc)  Charging current 2 A - 4 A selectable  Battery disconnection voltage status disconnection voltage 2 Sale Vdc ± 0.5 V  Protection reverse polarity, short-circuit, battery overload, battery deep discharge  GENERAL TECHNICAL DATA Operating temperature range -20+50°C Overvoltage category / pollution degree Il / 2  Protection degree Il / 2  Connection terminal 2.5 mm² / 2.5 mm² Housing material liminium  Dimensions (LxHxD)  55x130x115 mm	Output voltage range	2.100
Battery safety fuse  Fuse: 15 A replaceable  LED "DC OK" / LED "Battery low" / LED "Load OK"  Alarm contact  1 dry contact (DC OK/BATTERY)  Battery type  Lead-Acid  Battery capacity  max. 40 Ah (24 Vdc)  Charging current  2 A - 4 A selectable  Battery disconnection voltage  \$\frac{18 \text{ Vdc} \ddots \frac{10.5 \text{ V}}{10.5 \text{ V}}}{10.5 \text{ Vdc}}  Protection  \$\frac{68NERAL TECHNICAL DATA}{10.5 \text{ Vdc}}{10.5 \text{ Vdc}}{10.5 \text{ Vdc}}  Operating temperature range  \$-20+50°C  Overvoltage category / pollution degree  \$\text{ IP 20}{10.5 \text{ Nm²} / 2.5 \text{ Nm²}}{10.5 \text{ Nm²} / 2.5 \text{ Nm²}}  Housing material  Dimensions (LxHxD)  \$\text{ SSX130x115 \text{ mm}}{10.5 \text{ Vdc}}{10.5  V	Output adjustable range	
Status indication   LED "DC OK" / LED "Battery OW" / LED "Battery low" / LED "Load OK"    Alarm contact   1 dry contact (DC OK/BATTERY)    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   reverse polarity, short-circuit, battery overload, battery deep discharge    GENERAL TECHNICAL DATA    Operating temperature range   -20+50°C    Overvoltage category / pollution degree   II / 2    Protection degree   IP 20    Connection terminal   2.5 mm² / 2.5 mm²    Housing material   aluminium    Dimensions (LxHxD)   55x130x115 mm	Continuous current	10 A at 50°C
Alarm contact	Battery safety fuse	
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 reverse polarity, short-circuit, battery overload, battery deep discharge  GENERAL TECHNICAL DATA  Operating temperature range −20+50°C  Overvoltage category / pollution degree II / 2  Protection degree IP 20  Connection terminal 2.5 mm² / 2.5 mm²  Housing material aluminium  Dimensions (LxHxD) 55x130x115 mm	Status indication	LED "DC OK" / LED "Battery OK" / LED "Battery low" / LED "Load OK"
Battery capacity  Charging current  Battery disconnection voltage  Frotection  SENERAL TECHNICAL DATA  Operating temperature range  Overvoltage category / pollution degree  II / 2  Protection degree  IP 20  Connection terminal  Connection terminal  Dimensions (LxHxD)  Denating temperature and the state of the state	Alarm contact	1 dry contact (DC OK/BATTERY)
Charging current       2 A − 4 A selectable         Battery disconnection voltage       ≤ 18 Vdc ±0.5 V         Protection       reverse polarity, short-circuit, battery overload, battery deep discharge         GENERAL TECHNICAL DATA       Toperating temperature range         Overvoltage category / pollution degree       II / 2         Protection degree       IP 20         Connection terminal       2.5 mm² / 2.5 mm²         Housing material       aluminium         Dimensions (LxHxD)       55x130x115 mm	Battery type	Lead-Acid
Battery disconnection voltage  \$ 18 Vdc ±0.5 V  Protection  Reneral Technical Data  Operating temperature range  Overvoltage category / pollution degree  II / 2  Protection degree  IP 20  Connection terminal  2.5 mm² / 2.5 mm²  Housing material  Dimensions (LxHxD)  \$ 18 Vdc ±0.5 V  reverse polarity, short-circuit, battery overload, battery deep discharge  18 Vdc ±0.5 V  reverse polarity, short-circuit, battery overload, battery deep discharge  19 20+50°C  10 20+50°C  20 20 20+50°C  20 20 20 20 20 20 20 20 20 20 20 20 20 2	Battery capacity	max. 40 Ah (24 Vdc)
Protection reverse polarity, short-circuit, battery overload, battery deep discharge  GENERAL TECHNICAL DATA  Operating temperature range -20+50°C  Overvoltage category / pollution degree II / 2  Protection degree IP 20  Connection terminal 2.5 mm² / 2.5 mm²  Housing material aluminium  Dimensions (LxHxD) 55x130x115 mm	Charging current	2 A - 4 A selectable
Battery deep discharge	Battery disconnection voltage	
Operating temperature range         -20+50°C           Overvoltage category / pollution degree         II / 2           Protection degree         IP 20           Connection terminal         2.5 mm² / 2.5 mm²           Housing material         aluminium           Dimensions (LxHxD)         55x130x115 mm	Protection	reverse polarity, short-circuit, battery overload, battery deep discharge
Overvoltage category / pollution degree         II / 2           Protection degree         IP 20           Connection terminal         2.5 mm² / 2.5 mm²           Housing material         aluminium           Dimensions (LxHxD)         55x130x115 mm	GENERAL TECHNICAL DATA	
Protection degree         IP 20           Connection terminal         2.5 mm² / 2.5 mm²           Housing material         aluminium           Dimensions (LxHxD)         55x130x115 mm	Operating temperature range	-20+50°C
Connection terminal         2.5 mm² / 2.5 mm²           Housing material         aluminium           Dimensions (LxHxD)         55x130x115 mm	Overvoltage category / pollution degree	II / 2
Housing material         aluminium           Dimensions (LxHxD)         55x130x115 mm		IP 20
Dimensions (LxHxD) 55x130x115 mm	Connection terminal	2.5 mm² / 2.5 mm²
	Housing material	aluminium
Approximate weight 300 g	Dimensions (LxHxD)	55x130x115 mm
	Approximate weight	300 g
Mounting information     vertical on a rail, 10 mm from adjacent components	Mounting information	
ACCESSORIES	ACCESSORIES	
Mounting rail (IEC60715/TH35-7.5) PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
APPROVALS AND MARKINGS (6	APPROVALS AND MARKINGS	CE



<sup>\*</sup> Connected to a DC line, allow to supply loads and charge the backup battery\* Suitable for Lead-Acid batteries\* Suitable for power supplies with adjustable output\* Battery protection (oveload and deep discharge)\* LED status indicator and alarm contact\* It allows to start loads from battery

1 Please refer to the datasheet or operating instruction for more details2 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**

CSU5/220W/024V/AA DC-UPS module 24Vdc/ 24Vdc 10A