

Model	CMR2U024	CMR4U024	CMR2U048	CMR4U048	CMR2U110	CMR4U110
AC Input						
Connections	1PH + N + PE (opcional 3PH+N+PE)					
Nominal Voltage	230Vac (opcional 400Vac)					
Accepted voltage range at full load (PH-N)	75 - 300 VAC					
Frequency	50-60Hz +/-5%					
Internal protection	In case of input voltage out of range, alarm triggers and rectifier turns off. In case of overcurrent, alarm triggers and internal fuse trips.					
Main terminal blocks	10 mm ²					
Nominal current (for each module)	7,3A		10,5A		9,6A	
Maximum current (for each module)	18A		18A		18A	
Inrush current (for each module)	18A		18A		18A	
DC Output						
Nominal Voltage	24Vdc		48Vdc		110Vdc	
Voltage range	21 -31Vdc		42 - 58Vdc		97 - 132Vdc	
Voltage stability	< 1%					
Ripple	< 0,1%					
Maximum current for each module	70A		50A		20A	
Maximum power for each module	1680W		2400W		2200W	
Number of rectifiers	Max 3	Max 7	Max 3	Max 7	Max 3	Max 7
Maximum current for each rack	210A	490A	150A	350A	60A	140A
Maximum power for each rack	5040W	11760W	7200W	16800W	6600W	15400W
Power with redundancy	3360W	10080W	4800W	14400W	4400W	13200W
Battery						
Number of independent batteries	1	2	1	2	1	2
Charge profile	DIN 41773					
Technology	VRLA					
Load distribution panel						
panel 19" 4U	optional max 20 poles 63A					
User interface						
Operator	LCD					
BMS	free contacts (mains failure, summary alarm)					
General						
Isolation	input/output and output/ground					
Cooling	Forced ventilation					
Protection	IP 20					
User interface	LCD					
Color	RAL 7024					
Dimensions	19" x 2U x 400mm	19" x 4U x 400mm	19" x 2U x 400mm	19" x 4U x 400mm	19" x 2U x 400mm	19" x 4U x 400mm
Operating temperature	-10/+45°C					
Maximum humidity	97% relative humidity, non-condensing					
Maximum altitude	1000m msl without derating					
Safety	IEC/EN 60950-1					
Standards of electromagnetic compatibility	Emissions: IEC/EN 61000-6-4 Immunity: IEC/EN 61000-6-2 Harmonic currents IEC/EN 61000-3-2 Voltage fluctuation & flicker: IEC/EN 61000-3-3					
Options	SNMP Detachment of the load for minimum battery voltage Execution in cabinet					