



CPS-EC1000 1000W DIN-Rail Battery Charger & Industrial Precision Power Supply

- C/V precisely adjustable
- Current Monitor I_{mon}
- Perfect C/V chart with no Foldback
- Power Good Relay AC & DC
- Remote Shutdown
- Inhibit (Interlock) Function
- Sense

CPS-EC1000

Model	CPS-EC1000(R2)									
Power	1008W									
Nominal AC Input	115/230Vac selector									
Input Range AC	90-115Vac/186-264Vac									
Input Range DC	250-375Vdc									
Hold-Up Time	30ms									
Inrush Current	Electronic Inrush Current Limiter 9,8Arms									
Autostart	Soft start									
Output Voltage	24V	36V	48V	60V	72V	110V	150V	220V	300V	
Output Current	42,0A	28,0A	21,0A	16,7A	13,9A	9,1A	6,7A	4,55A	3,33A	
DC Voltage Setting	24-30V	36-45V	48-58V	60-75V	72-90V	110-137V	132-180V	220-264V	264-360V	
DC Current Setting	21-44,1A	14-29,4A	10,5-22A	8-17,6A	7-14,6A	4,6-9,6A	3,4-7A	2,3-4,8A	1,7-3,5A	
Ripple & Noise PP	40mV	40mV	100mV	150mV	200mV	300mV	400mV	400mV	400mV	
Efficiency	92%									
Base load	Idling-proof									
Short Circuit	Continuous									
Cooling	Controlled fan from EBM Papst (Germany)									
Dimensions (WxHxD)	200x156x115mm									
Safety Standards	EN61010-1, EN61010-2-201, EN62368-1, EN60204-1, EN60950-1									
Input to Output Isolation	3000Vac									
EMI/EMS	EN55032 conducted class B / radiated classA, EN61000-6-3									
EMS	EN61000-6-2									
MTBF	389.000h									
Power Good Relay	Yes									
Remote Shutdown	Yes									
Inhibit (Interlock)	Yes									
Current Monitoring	Yes									
Sense Compensation	Yes									