



CPS-EC480 480W 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 Compensation
- Natural Cooling

CPS-EC480

Model	CPS-EC480(R2)									
Power	480W									
Nominal AC Input	115/230Vac selector									
Input Range AC	90-115Vac/186-264Vac									
Input Range DC	250-375Vdc									
Input Frequency	47-63Hz									
Hold-Up Time	50ms									
Inrush Current	Electronic Inrush Current Limiter 9,8Arms									
Autostart	Soft start									
Output Voltage	24V	36V	48V	60V	72V	110V	150V	220V	300V	
Output Current	20A	13,3A	10A	8A	6,7A	4,4A	3,2A	2,2A	1,6A	
DC Voltage Setting	24-30V	36-45V	48-58V	60-75V	72-90V	110-137V	132-180V	220-264V	264-360V	
DC Current Setting	10-21A	6,6-14A	5-10,5A	4-8,4A	3,4-7A	2,2-4,6A	1,6-3,3A	1,1-2,3A	0,8-1,7A	
Ripple & Noise mVpp	40mV	40mV	100mV	150mV	200mV	300mV	400mV	400mV	400mV	
Efficiency	up to 92%									
Base load	Idling-proof									
Short Circuit Protection	Continuous									
Cooling	Natural cooling									
Dimensions (WxHxD)	200x130x115mm									
Safety Standards	EN61010-1, EN6101-2-201, EN62368-1, EN60204-1, EN60950-1									
Input/Output Isolation	3000Vac									
EMI/EMS	EN55032 conducted class B / radiated classA, EN61000-6-3									
EMS	EN61000-6-2									
MTBF	400.000h									
Power Good Relay	Yes									
Remote Shutdwon	Yes									
Inhibit (Interlock)	Yes									
Current Monitoring	Yes									
Sense Compensation	Yes									