

EFA-ADL400-CT Datasheet



Introduction

ENGLISH

ADL400 series three-phase four-wire electronic energy meter (din-rail) is designed to work with EcoFlow PowerOcean series system to implement power monitoring and energy metering demands for self-powered electric power system, effortlessly accessing visualize electric parameters such as three-phase voltage, three-phase current, active power, reactive power, frequency, positive&negative energy, four quadrant energy, etc. Adopting the standard DIN35mm din-rail mounting and modular design, it is characterized with small volume, easy installation and easy networking.

Technical Parameters

Model	ADL400
General Specifications	
Rated Voltage (Vac)	3x230/400
Nominal Frequency (Hz)	45-65
Voltage Range (V)	3x57.7/100~3x276/480
Voltage line power consumption (W)	≤10 (Single Phase)
Input Current (A)	0.1-10 (80)

Maximum Reading (MWh)	9999999
Accuracy	
Active Power	0.5% of Range Maximum
Reactive Power	0.5% of Range Maximum
Environment	
Operating Temperature Range (°C)	-40 to 70
Relative Humidity	≤95% (Non-condensing)
Installation Category	CAT III
Communication	
Communication Method	RS485
Baud Rate (bps)	1200-19200
Pulse	400imp/kWh
Mechanics	
Din Rail Dimensions (WxDxH) (mm)	72x65x90
Mounting	DIN Rail 35mm
Ingress Protection Rating	IP51