

DATASHEET

EcoFlow PowerGlow Smart Immersion Heater

The integrated solution for hot water from PV excess, greatly improves your self-consumption, which can be operated in combination with either EcoFlow PowerOcean system or third-party PV system, implementing intelligent scheduling of energy use via EcoFlow App.

For installers

EcoFlow Pro Web Portal

<https://portal.ecoflow.com/pro/eu>

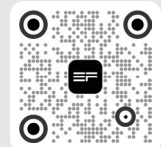


EcoFlow Pro App

For users

EcoFlow Web Portal

<https://portal.ecoflow.com/user/eu>



EcoFlow App

Technical parameters		EF RD-P1-3K5-S1	EF RD-P3-3K5-S1	EF RD-P3-6K0-S1	EF RD-P3-9K0-S1
General	Heating Power (W)	0-3500	0-3500	0-6000	0-9000
	Fuse Protection (A)	3*25			
	Mains Connection	Single phase, 230V~, 45Hz-65Hz	Single phase, 230V~, 45Hz-65Hz Three phase, 400V 3N~, 45Hz-65Hz	Three phase, 400V 3N~, 45Hz-65Hz	
	Standby Consumption	2 W			
	Efficiency	>99% at nominal power			
	Remote control, Monitoring, Management	Via EcoFlow App			
	Operating Temperature Range (°C)	0 to 40 (at the casing)			
	Storage Temperature Range (°C)	-20 to 70			
	Operating Humidity	0%-99% (Non-Condensing)			
	Maximum Operating Pressure (bar)	10			
	Weight (kg)	Approximately 2.7	Approximately 2.7	Approximately 2.9	Approximately 3.1
	Dimensions (WxDxH) (mm)	527x134x164 (incl. heating rod)			702x134x164 (incl. heating rod)
	Communication	Ethernet RJ45, Wi-Fi, RS485, Bluetooth			
	2.4G Wi-Fi Frequency Range (MHz), Maximum Output Power (dBm)	2412-2472, 15.58			
	2.4G Bluetooth Frequency Range (MHz), Maximum Output Power (dBm)	2402-2480, 8.09			
	Display	LED Screen with temp.			
	Protection Class	IP21			
Heating Rod Thread	Screw-In Thread Dimension	G 1 3/4" or G 2 1/4"	G 1 1/2"		
	Width Across Flats (mm)	55			
	Tightening Torque (Nm)	50			
Heating Rod	Heating Rod Length (mm) (from the sealing)	375	375	550	550
	Heat-Free Length (mm)	33			
	Continuous Operation	Supported			
	Galvanic Isolation	Supported			
	Application	Heat exchange closed water heater			
	Mounting	Horizontal			
Temperature Control	External Temperature Sensor	2 m			
	Type	Temperature acquisition + safety temperature control			
	Adjustable Temperature Range (°C)	10-80			
	Heating Cut-Out Temperature (°C)	85			
Compliance	Certificates	CE			

Please be advised that EcoFlow reserves the right to modify the design, components, and specifications of its products at any time without prior notice or obligation. The actual product details and final design may vary from those shown or described in this brochure.