

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>

For users

EcoFlow Web Portal
<https://portal.ecoflow.com/user/eu>

Technical parameters		EF RD-P3-3K5-S1	EF RD-P3-6K0-S1	EF RD-P3-9K0-S1
General	Heating Power (W)	0-3500	0-6000	0-9000
	Fuse Protection (A)		3*25	
	Mains Connection	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 2.9	Approximately 3.1
	Dimensions (WxDxH) (mm)	527x134x164 (incl. heating rod)		
	Communication	Ethernet RJ45, Wi-Fi, RS485, Bluetooth		
	Display	LED Screen with temp.		
	Protection Class	IP21		
Heating Rod Thread	Screw-In Thread Dimension	G 1 1/2"		
	Width Across Flats (mm)	55		
	Tightening Torque (Nm)	50		
Heating Rod	Heating Rod Length (mm) (from the sealing)	375	550	550
	Heat-Free Length (mm)	33		
	Continuous Operation	Supported		
	Galvanic Isolation	Supported		
	Application	Heat exchange closed water heater		
Temperature Control	Mounting	Horizontal		
	External Temperature Sensor	2 m		
	Type	Temperature acquisition + safety temperature control		
	Adjustable Temperature Range (°C)	10-80		
Compliance	Heating Cut-Out Temperature (°C)	85		
	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.