



Product Specifications

Parameter	Specification
Model	ZDSF800Plus
Max. PV input voltage	55V d.c.
Max. PV input current	18A d.c.
Max. PV input Isc	22.5A d.c.
Max. PV input power	1500W (2*750W)
Operating voltage range	14-55V d.c.
Max. AC continuous output power (on-grid)	800W
Max. AC continuous output current (on-grid)	3.5A a.c.
Max. AC continuous input current	3.5A a.c.
AC input/output voltage/frequency	230V a.c., 50Hz
Power factor	0.8(lagging)-0.8(leading)
Battery type	LiFePO4
Battery rated energy	1920Wh
Battery rated voltage	48V d.c.
Max. charge/discharge current	30A
Charge temperature	0°C to 55°C
Discharge temperature	-20°C to 55°C
Rated method/standard	Class I
Recommended temperature range	-20°C to 55°C
Enclosure	IP65