

Models

Model	ESU rating (kVA)	Voltage output (V)	Output type	Battery storage (kWh)	PV (kWp)	Generator range (kVA)
BP1-INV6-B13-PV4	6	230	1+N	13	4	4-11
BP1-INV12-B20-PV6	12	230	1+N	20	6	10-16
BP1-INV12-B27-PV10 *	12	230	1+N	27	10	10-20
BP1-INV12-B34-PV12	12	230	1+N	34	12	10-20
BP1-INV12-B40-PV18	12	230	1+N	40	18	10-20
BP1-INV18-B27-PV12	18	230	1+N	27	12	10-16
BP1-INV18-B54-PV24 **	18	230	1+N	54	24	16-40
BP3-INV18-B27-PV12	18	400	3+N	27	12	10-16
BP3-INV18-B54-PV24 **	18	400	3+N	54	24	20-40

* BP1-INV12-B27-PV10 is the typical configuration (ESU, PV and generator)

** The largest one and three-phase options

General configuration – BP1-INV12-B27-PV10

Equipment	Description
PV input	9kW, 36 panels
PV charger	2 X Schneider MPPT80
Battery inverters	2 X Schneider XW+230
Load output (inverter)	13.6kW continuous, 230VAC 50Hz
	17.0kW 30 minutes
	24kW 1 minute
Batteries	27.2kWhr 48VDC lithium ion
Cycles	10,000 cycles at 80% DOD
Dimensions	1900l x 1700h x 1300w (mm, approx)
Weight	1000kg
Generator	10kVA Prime, 50 Hz, 48 amps Diesel Caterpillar