

Facts and figures

VARTA FLEX STORAGE P



SYSTEM

Usable battery capacity	▶ From 26 kWh to 260 kWh (780 kWh*)
System output	▶ From 20 kW to 120 kW (360 kW*)
C-Rate charge discharge	▶ Max. 1C 1C
Cooling system	▶ Active air cooling
Operating conditions	▶ From +10 °C to +30 °C
Protection class	▶ IP33
Current monitor	▶ 3 – phase current meter
Mains connection	▶ 400 V AC, 3-phase, 50 Hz
Warranty on system	▶ Dependent on application

STORAGE UNIT P 26

Number of battery modules	▶ 13
Usable battery capacity	▶ 26 kWh
Electrochemistry of cell	▶ Lithium Iron Phosphate
Nominal voltage	▶ 665,6 V
Number of cycles	▶ > 8,000 cycles**
Cell monitoring	▶ Fully integrated
Battery management system	▶ Fully integrated
Dimensions (D x H x W) in mm	▶ 600 x 2,000 x 600
Weight	▶ 520 kg

POWER UNIT

Battery inverter	▶ SINAMICS
Power ranges	▶ 20 36 80 120 kW
Line filter	▶ Fully integrated
Grid protection	▶ Carried out separately
Dimensions 20 36 (D x H x W) in mm	▶ 600 x 2,000 x 600
Dimensions 80 120 (D x H x W) in mm	▶ 600 x 2,000 x 1,000
Weight***	▶ 250 270 370 430 kg

ENERGY MANAGEMENT SYSTEM

Data interface	▶ Ethernet
Monitoring	▶ S7 Panel local
Application	▶ Self consumption optimisation, islanding, peak shaving

* AC cascadable

** at room temperature and 80% residual capacity

*** incl. Islanding transformer