aggreko

PRODUCT DATASHEET

30 kVA Battery Storage

Our 30 kVA batteries reduce generator run time which decreases the fuel consumption and noise on site, helping you save on both emissions and on costs. It supports you in meeting local emissions regulations which adds to your social responsibility image and decarbonization effort. With variable loads on site, this battery helps improve reliability and energy efficiency, without any required CAPEX. These batteries are driven by data giving full transparency for complete energy optimization.

KEY DATA

OUTPUT	30 kVA
VOLTAGE ALLOWABLE RANGE	+/- 15%
AC INPUT VOLTAGE RANGE	208 V
AC OUTPUT VOLTAGE – 60 HZ	208 V

PHYSICAL DATA

LENGTH	44 in (1140 mm)
WIDTH	57 in (1450 mm)
HEIGHT	59 in (1580 mm)
WEIGHT (GROSS)	3000 lbs (1360 kg)
WEIGHT (NET)	3000 lbs (1360 kg)

FEATURES

- Intelligent on board energy control module that communicates with the generator
- Flexible maneuverability with forklift pockets, lift and drag skid and lifting ring
- Designed and assembled to Aggreko´s standards
- Wide ambient temperature range
- Charge time within a nominal temperature range is approximately three hours

BENEFITS

- Environmentally friendly, helps in meeting emissions regulations
- Enhances the image of social responsibility
- Allows for savings on fuel that reduces both, emissions and costs
- Increases reliability as it manages variable loads and eliminates light loads periods
- Fast installation and commissioning, plug and play with the entire Aggreko ecosystem
- Delivers zero noise, ideal for projects where sound needs to be kept at minimum
- Remote monitoring which allows optimization through the technical support desk

ADDITIONAL DATA

OUTPUT (STAND-ALONE)

STANDBY RATING	30 min (kVA) @ 77°F 1 | 30
PRIME RATING (KW)	@ 77°F / 113°F 1 | 24 | 18 |

OUTPUT (WHEN EXTERNAL SOURCE AVAILABLE)

MAXIMUM LOAD PER PHASE BEFORE GENERATOR START COMMAND (KW)	1, 2 | 6.8 (Immediate Start) 6 (5mins)
MAXIMUM LOAD (ALL PHASES) BEFORE GENERATOR START COMMAND (KW)	5 | 17.9 (3 hours)

SOLAR INPUT

MAX ARRAY VOLTAGE (OPEN CIRCUIT)	250 V
MAX ARRAY CURRENT	30 Amp
MAX POWER (POTENTIAL)	4.9 kWp
SOLAR CONNECTIONS	1 set MC4

ENERGY STORAGE

TECHNOLOGY	Lithium Iron Phosphate (LFP)
MANUFACTURER	Pylontech
TYPE	US 3000
NUMBER	16
D.C. POWER	< Max inverter power
ENERGY CAPACITY (NOMINAL)	56.8 kWh
ENERGY CAPACITY (USABLE)	48.0 kWh
CHARGE TIME (MINIMUM)	3.5 hours

POWER CONNECTORS

INPUT CONNECTIONS	CAM Type Connectors and Power Terminals
OUTPUT CONNECTIONS	CAM Type Connectors and Power Terminals
MAINTENANCE CHARGE INPUT	20 A 120 V

PASS THROUGH CURRENT

MAX PASS THROUGH CURRENT / PHASE	200 Amp

POWER CONVERSION SYSTEM

BIDIRECTIONAL INVERTER CHARGERS	6x Victron Quattro 48/5000/70/120

Units are shipped from hub locations. After the project is over, sets are immediately to be returned to the hub for maintenance, testing, and storage.

*Equipment supplied may vary slightly