



VOLTstack® 20k Unit

SPECIFICATIONS

RATED OUTPUT

Three Phase: 17.2 kW*

Split Phase: 20.4 kW

Max Surge Rating: 30 kW

*80% NEC derating rule for Three Phase

AC OUTPUT

Three Phase 208V: Continuous 48A

Split Phase 120/240V: Continuous 120/85A

AC CHARGING

Three Phase: Max 48A (208V) charging time is 6 hours

Split Phase: Max 84A (240V) charging time is 5 hours

(Optional J1772 EV charging Level 2: Max 30A 208/240V)

RATED OUTPUT

Operating temperature (discharging): -20°C up to 40°C

Operating temperature (charging): 0°C up to 40°C

MECHANICAL SPECS

Trailer Weight: 5000 lbs / 2268 kg

2 inch ball hitch

Chassis grounding rod or plate

SAFETY

On board Class C fire extinguisher

QAI Special Inspection SPE 1000 CSA

Non-combustible aluminum enclosure

CARBON OFFSET EQUIVALENT

Offsets 161 kg of CO₂e in 8 hours operation

STORAGE

80 kWh

Battery Type: Lithium-Ion

OUTLETS

Three Phase

4 x 120V 20A duplex receptacles (NEMA 5-20R type)

2 x 208V 30A twistlock receptacles (NEMA L15-30R)

1 x 208V camlock outlet

Split Phase

4 x 120V 20A duplex receptacles (NEMA 5-20R type)

2 x 120/240V 30A twistlock receptacles (NEMA L14-30R)

1 x 120/240V camlock outlet

USER INTERFACE

Touch screen interface & control

Live viewing of battery data, state of charge, time remaining and output power