

GRID GUARD MINI-GRID 20 SERIES

POWER STATION MODULE

Hourly Solar Production

10,360 Watts +10% to 30% production

Usable Battery Storage @ 50% DOD

215 kilowatt-hours

Hybrid Inverter

30 kilowatts

Auxiliary Generator (optional)

20 to 100 kilowatts



SOLAR INPUT POWER

10.3 kWp | 370W Monocrystalline Bifacial Solar Panels
Bifacial modules produce solar power from both sides of the panel, yielding a 10% to 30% increase in production.

INVERTER OUTPUT POWER

30 Kilowatt Hours
Hybrid Inverter | 120/220/230/240VAC - 50/60Hz
Single or Three-Phase

STORAGE POWER

215kWh of usable power
4,500 Cycles @ 50% Depth of Depletion
Maintenance-Free, Sealed Lead Acid Carbon batteries

PHYSICAL DIMENSIONS

Weight	17,430kg	38,428lbs
Length	6.06m	20ft
Module Height	2.59m	8.5ft
Total Height	4.16m	13.64ft
Module Width	2.43m	8ft
Total Width	6.06m	20ft
Area needed	51.1m²	550ft²

BATTERY STORAGE OPTIONS

BT20-16	22kWh of Storage
BT20-32	43kWh of Storage
BT20-48	65kWh of Storage
BT20-64	86kWh of Storage
BT20-96	129kWh of Storage
BT20-128	172kWh of Storage
BT20-160	215kWh of Storage

