



Growatt PBD 250 is a 250kW solar battery charger, it can be used with Growatt battery inverter PCS to form a large capacity storage system for on grid peak shaving, grid regulation, or off-grid power backup

Datasheet

Growatt PBD 250

Photovoltaic data

Max voltage of the PV production
 Starting voltage range
 MPPT voltage range at full load
 Photovoltaic power range
 Max. working current
 MPPT Number

1000 VDC
 350V-850V
 480V-850V
 250KWp
 573A
 5

Battery data

Battery voltage
 Battery type
 Max charger or discharger current
 Max charger efficiency
 Max discharger efficiency

250-600V
 Lead acid or Li-ion
 720A
 99%
 99%

General Data

Dimension (W/D/H)
 Weight
 Operating Temperature Range
 Relative Humidity
 Degree of Protection
 Noise Emission
 Maximum Operating Altitude
 Standby consumption
 Cooling
 Display
 Communication Interface

850/1900/750mm
 600KG
 -25 °C ... +55 °C
 0 ~95%, Non-condensing
 IP20
 65dB(A)@1m
 6000m(Derating over 3000m)
 <100W
 Air Forced
 Touch screen LCD
 RS485/CAN

Protection

Over current protection
 Over voltage protection
 Over temperature protection
 Disconnection Device
 Lightning Protection

yes
 yes
 yes
 DC circuit breaker
 yes