

# PGEM MAX



40 units stackable



10 years warranty with 8000cycles



200A continuous power



Ultra safe LFP material



Short circuit protection



Flexible remote upgrade



Wide range inverter compatibility



Multi protection to avoid over discharge



Smart BMS management for longer lifespan



Active balancing charging, low self consumption



Stackable / floor-standing / wall-mount installations



Fire suppression built in, wheels or foot brackets options

Model	PGEM MAX
Cell Type	LFP
Rated Energy	16.076kWh
Rated Capacity	314Ah
Rated Voltage	51.2V
Charge Voltage (Vdc)	56.5V
Battery Charge Current (A)	165 (max continuous) 170 (start limit current to 10A, retest every 10min) 180 (Peak1 15s) 200 (Peak2 500ms)
Battery DisCharge Current (A)	200 (max continuous) 205 (start giving over-current alarm but not stop discharging) 210 (peak1 2minutes) 220 (peak2 500ms)
Parallel	Up to 35 units parallelable w/o extra device needed, slave battery drops offline or come back alive does not affect system running
IP Level	IP20
Dimension (W × D × H,mm)	900*445*230mm / 35.4 *17.5 * 9.1 in
Weight	120 Kg / 264.6 lbs
Communication	CAN / RS485
Robust Applications	Auto-addressing and stronger protection
DOD	90%
Cycles	8000
Compatible Inverter	Victron, Luxpower, Deye, Voltronic, SMA Goodwe, Growatt, Sofar, Solark, SRNE, Must
Humidity	5% ~ 85% RH (No condensation)
Work Temperature	-20 ~ +55 C
Remote Maintenance	Flexible remote upgrade, Original firmware backup to prevent upgrade failure
Warranty *	10 years, 8000 cycles
Certification	CE UN38.3; IEC62619
Protection	Overcharge/discharge/current/voltage/temperature protection Short circuit protection, Reverse connection protection Charge balance, Low SOC protection

@25°C, 90% DOD. 0.5C testing condition