

BATTERY SYSTEMS / MANUFACTURER-STATED RATINGS

WattCycle 12V 314Ah Mini Deep Cycle Lithium Battery (Regular Version without Bluetooth)

12.8 V nominal • 314 Ah • 4019 Wh • LiFePO4 chemistry

12.8 V
NOMINAL VOLTAGE

314 Ah
RATED CAPACITY

4019 Wh
RATED ENERGY

Electrical and BMS limits

BMS continuous current rating	200 A
Recommended charge current	62.8 A

Features and physical data

PVShop model	PVS-BAT-72E8779683
Cell chemistry	LiFePO4
Product features	Bluetooth monitoring, low-temperature charge protection
Dimensions (L × W × H)	With Handles: L384 x W194 x H248mm Without Handles: L340 x W194 x H248mm
Weight	27 kg
Ingress protection	IP65

Selection note

Match nominal voltage, current limits, charge profile, physical size and environmental rating to the complete installation. Cable, fuse, busbar and disconnect ratings must follow the documented continuous current and local electrical rules.

DETAILED SPECIFICATION RECORD

WattCycle 12V 314Ah Mini Deep Cycle Lithium Battery (Regular Version without Bluetooth)

Additional manufacturer ratings

Dimensions (L × W × H)	With Handles: L384 x W194 x H248mm Without Handles: L340 x W194 x H248mm
Terminals	M8 Bolts
Warranty	5 Years
Monthly Self Discharge	≤3%/Month
Series / parallel configuration	Max. 4 in Parallel, Max. 4 in Series
Charging Temperature	0°C-55°C
Discharging Temperature	-20°C-60°C
Storage Temperature	0°C-45°C

Evidence and revision control

PVShop model	PVS-BAT-72E8779683
Manufacturer record	Current manufacturer product page and available manufacturer documents
Evidence review date	12 September 2026
Specification policy	Published values reproduced without performance estimates; undocumented fields remain blank

SOURCE STATUS Manufacturer-stated; not independently laboratory tested by PVShop.

The source was reviewed on 12 September 2026. Ratings omitted by the manufacturer are intentionally left blank. Manufacturer pages can change; use the issue date and PVShop model above when requesting technical support.

Safety: follow the installation manual. Do not short-circuit, crush, puncture, dismantle or expose the battery to fire. Do not charge outside the published temperature range. Use a compatible CC/CV LiFePO4 charger and suitable over-current protection. A deep-cycle model is not a starting battery unless the manufacturer explicitly provides a starting-current rating.