EUR15012 ECO

EURONET ECO SERIES GEL BATTERY – 12V 150Ah

Value Deep-Cycle Gel | Solar PV, UPS & Telecom Backup



CAPACITY (10HR, 25°C)	NOMINAL VOLTAGE
150Ah	12V
MAX. DISCHARGE (5S)	**INTERNAL RESISTANCE**
1000A	≈ 2.6 mΩ
MAX. CHARGE CURRENT	**NET WEIGHT**
37.5A	37kg

OVERVIEW

The EURONET EUR15012 ECO is a value-focused 12V 150Ah sealed deep-cycle gel battery for solar systems, UPS infrastructure, data centres and telecom equipment. It is rated 150Ah at the 10-hour rate to 1.85V/cell at 25°C, with an internal resistance of about 2.6mΩ, a 1000A (5 sec) peak discharge and a 37.5A maximum charge current. Gel electrolyte prevents acid leakage and removes the need for water topping, while the ABS UL94-HB case (UL94-V0 on request) and low-pressure venting suit daily cycling from -40°C to 50°C.

KEY FEATURES

1000A Peak Discharge
Internal resistance of about 2.6mΩ delivers 1000A for 5 seconds for UPS start-up and backup loads

37.5A Maximum Charge Current
Charges at up to 37.5A for fast recovery after deep discharge in solar PV and UPS backup systems

Maintenance-Free Gel
Gel electrolyte prevents acid leakage and removes the need for water topping in any orientation

Deep Cycle Performance
Built for repeated deep discharge with high charge acceptance and minimal capacity loss over time

Wide Temperature Range
Discharge from -40°C to 50°C and charge from -20°C to 50°C, for harsh off-grid and telecom field sites

ABS Flame-Retardant Case
ABS UL94-HB housing as standard, with a UL94-V0 rating available on request for safety needs

TECHNICAL NOTE

12V, 150Ah @ 10hr to 1.85V/cell at 25°C, 6 cells. Max. discharge 1000A (5 sec), internal resistance about 2.6mΩ, max. charge 37.5A. Float 13.50–13.80V, equalisation 14.70–15.00V @ 25°C. Discharge -40°C to 50°C, charge and storage -20°C to 50°C. Terminal T14, net weight 37kg. ABS (UL94-HB) case, UL94-V0 on request. CE, ISO 9001:2015.

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EUR15012 ECO

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EUR15012 ECO
Series	ECO Series Gel Battery
Battery Type	Sealed VRLA gel, deep cycle
Nominal Voltage	12V
Cells Per Unit	6
Rated Capacity	150Ah @ 10hr to 1.85V/cell, 25°C
ELECTRICAL	
Max. Discharge Current	1000A (5 sec)
Internal Resistance	≈ 2.6 mΩ
Max. Charge Current	37.5A
End Voltage	1.85V/cell
PHYSICAL	
Terminal	T14
Product Dimensions	Not available
Box Dimensions	485 × 240 × 172 mm
Net Weight	37kg
Gross Weight	37.5kg
Venting	Low-pressure venting system

PARAMETER	SPECIFICATIONS
CHARGING	
Float Charge	13.50–13.80V @ 25°C
Equalisation / Cycle Service	14.70–15.00V @ 25°C
Cycle-use Set Point	2.475V/cell @ 25°C
Standby Set Point	2.275V/cell @ 25°C
Constant-voltage Charge	14.7–15.0V · 5–11h · max. 0.25CA
Constant-current Charge	0.1CA × 5h
Fast Charge	0.25CA × 1.7h
ENVIRONMENT & LIFE	
Discharge Temperature	-40°C to 50°C
Charge Temperature	-20°C to 50°C
Storage Temperature	-20°C to 50°C
Normal Operating Temp.	25°C ± 5°C
Self-discharge	Storable over 6 months at 25°C
Storage Recharge	At least every 6 months
Cycle Life	Not available
CERTIFICATION	
Certifications	CE · ISO 9001:2015
Container	ABS (UL94-HB) · UL94-V0 on request

**Specifications are subject to change without prior notice.*

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