TUBULAR 12V 220Ah

EURONET SOLAR TUBULAR BATTERY – 12V 220Ah

Deep-Cycle Tubular Plate | 12-Year Design Float Life



CAPACITY (C20)	220Ah
CAPACITY (C10)	192Ah
MAX. DISCHARGE (5S)	1600A
INTERNAL RESISTANCE	~5 mΩ
DESIGN FLOAT LIFE	12 years
AH EFFICIENCY	>93%

OVERVIEW

The EURONET 12V 220Ah Solar Tubular Battery is a deep-cycle tubular-plate battery for solar power backup and off-grid systems. It delivers 220Ah at the C20 rate, 192Ah at C10 and 168Ah at C5, with an internal resistance of about 5mΩ, a 1600A (5 sec) peak discharge and a 20A maximum charge current. High charge acceptance helps it recharge even in low-sunlight conditions, it keeps 102% of rated capacity at 40°C, and Ah efficiency above 93% limits energy loss. A 12-year designed float life suits long-term solar storage.

KEY FEATURES

Tubular-Plate Construction
Rugged tubular plates deliver long cycle life and dependable deep-cycle performance in daily use

220Ah at C20 Rate
Delivers 220Ah at C20, 192Ah at C10 and 168Ah at C5, for extended autonomy in off-grid systems

High Charge Acceptance
Accepts charge efficiently for fast recharge, even during limited or low-sunlight solar conditions

High-Temperature Performance
Maintains 102% of rated capacity at 40°C for reliable output in hot and demanding climates

12-Year Design Float Life
A 12-year designed float life with low maintenance ensures dependable, long-term standby service

High Efficiency
Ah efficiency above 93% and Wh efficiency above 85% minimise energy loss across every charge cycle

TECHNICAL NOTE

12V, 220Ah @C20; 192Ah @C10; 168Ah @C5. Dimensions 505×180×365mm, terminal E, weight ~64kg, internal resistance ~5mΩ. Float 13.50–13.80V, cyclic 14.50–15.00V; max. charge 20A, max. discharge 1600A (5 sec). Operating temperature -15°C to 50°C; designed float life 12 years; Ah efficiency >93%, Wh efficiency >85%. CB / CE / IEC / ISO 9001:2015 / SASO (SABER).

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TUBULAR 12V 220Ah

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	12V 220Ah
Series	Solar Tubular Battery Series
Battery Type	Tubular-plate, deep cycle
Nominal Voltage	12V
CAPACITY	
Capacity @ C20	220Ah
Capacity @ C10	192Ah
Capacity @ C5	168Ah
ELECTRICAL	
Internal Resistance	~5 mΩ
Max. Charge Current	20A
Max. Discharge Current	1600A (5 sec)
Ah Efficiency	>93%
Wh Efficiency	>85%

PARAMETER	SPECIFICATIONS
CHARGING	
Float Charge	13.50–13.80V
Cyclic Charge	14.50–15.00V
Max. Charge Current	20A
PHYSICAL	
Dimensions	505 × 180 × 365 mm
Terminal	E
Weight	~64kg
ENVIRONMENT & LIFE	
Operating Temperature	-15°C to 50°C
Capacity at 40°C	102% of rated
Designed Float Life	12 years
Cycle Life	Not available
CERTIFICATION	
Certifications	CB · CE · IEC · ISO 9001:2015 · SASO (SABER)

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

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