

Unlock the power of sustainable energy with the Fronus FR-2204 Solar Battery, designed to provide you with reliable and efficient energy storage for your home or business. With a commitment to green technology and energy sustainability, Fronus has developed a cutting-edge solution that seamlessly integrates with your solar panel system, offering a dependable and eco-friendly energy storage solution.

SUPPORTED APPLIANCES



Air Conditioner



Refrigerato



LED TV



Fan



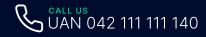
LED Bulb













VRLA BATTERY 150AH

TECHNICAL SPECIFICATION

	Voltage	Capacity @ C20	Battery Overall Dimensions (± 3 mm)			Battery weight (±5%)	Battery packed weight (±5%)	
FR-2204	12V	150Ah	Length	Width	Height (Up to Cover)	Overall Height (Up to Terminal)	54.0 Kg	56.5 Kg
			502	191	397	415		

ELECTRICAL SPECIFICATION

n)		INTERNAL RESISTANCE			
@ 400W	20Hr	10Hr	5Hr	4 1	
195~225 Min	150	126	105	9.0 (mΩ)	

^{**} All data based on stabilized battery capacity on new battery, under controlled laboratory test conditions

CHARGING INSTRUCTIONS

BOOST CHAR	GING (Amp)	TRICKLE MODE CHARGING (mAmp)		
STARTING RATE	FINISHING RATE	MINIMUM	MAXIMUM	
15.1	7.6	126	504	

CONSTANT POWER DISCHARGE PERFORMANCE

MAXIMUM BACKUP DURATION (HH:MM)					
	500W	400W	300W	200W	100W
	02:40	03:30	04:30	07:30	16:00

^{**} All test data based on stabilized battery capacity on new battery, under controlled laboratory test conditions

CHARGE CHARACTERISTICS (27°C

Cycle Use	Standby Use
14.40 – 15.0V (-40mV/°C), Maximum Current 22.5A	13.60 - 13.80V (-20mV/°C)

^{*}Battery to be recharged in CV mode only

CHARGE TEMPERATURE COMPENSATION

ADD	SUBTRACT
0.005 Volt per cell for every 1°C below 25°C 0.0028 Volt per cell for every 1°F below 77°F	0.005 Volt per cell for every 1°C above 25°C 0.0028 Volt per cell for every 1°F above 77°F

OPERATIONAL DATA

OI LIVATIONAL DATA				
OPERATING TEM	PERATURE	SELF DISCHARGE		
-4°F to 113°F (-20°C to +45°C). At te maintain a state of charge	1 '	Less than 3% per month at 20°C temperature conditions.		
Rated Capacity at ambient temperature	As per formula: Ct=C27{1+0.0043(t-27)}	Self-Discharge	Conforms to IS13369-1992	

