

1-4 EFFECT OF TEMPERATURE ON CAPACITY

THE CAPACITY OF A BATTERY IS SUBJECTED TO THE INFLUENCE OF AMBIENT TEMPERATURE AND THE DISCHARGE RATE.

LOW TEMPERATURE (BELOW 5°F, -15°C) MAY REDUCE THE AVAILABLE CAPACITY, AND HIGH TEMPERATURE (OVER 122°F, 50°C) MAY DAMAGE THE BATTERY.

THE BELOW FIGURE SHOWS AN EXAMPLE OF THE EFFECT OF TEMPERATURE ON CAPACITY FOR THE RANGE OF (4°F ~ 104°F) -20°C ~ -50°C.

THE RATED CAPACITY FOR 20°C IS 100%.

