REXharge

IP (Ingress Protection) Rating Guide

Ingress Protection or
International Protection

IP 5 5

Protected against quantity of dust that could interface with the normal opereation of the product but not fully dust tight. Complete protection against solid objects.

Protection assured against water jets projected by a nozzle (6.3mm) from any angle.

SOLIDS

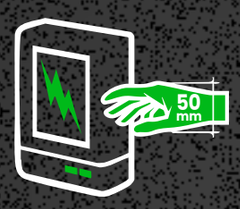
X means there is no data available to specify a protection rating with regard to this criterion.



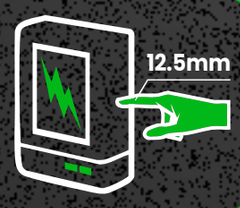
0 No protection against contact and ingress of objects.



1 Effective against any large surface of the body, such as the back of a hand, but no protection against deliberate contact with a body part. > 50mm / 2.0in



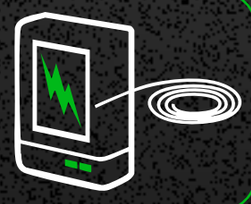
2 Effective against fingers or similar objects.
> 12.5mm / 0.49in



3 Effective against tools, thick wires, etc.
> 2.5mm / 0.098in



4 Effective against most wires, slender screws, large ants etc.
> 1mm / 0.039in



5 Effective against ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interface with the satisfactory operation of the equipment. Dust protected.



6 Dust tight, No Ingress of dust. Two to eight hours.



WATER

X means there is no data available to specify a protection rating with regard to this criterion.



0 No protection against ingress of water.



1 Protection against dripping water. Tested for 10 minutes.



2 Protection against dripping water when tilted at 15°. Tested for 10 minutes. Water equivalent to 3mm(0.12in) rainfall per minute.



3 Protection from water falling as a spray at any angle up ta 60° from the vertical shall have no harmful effect.



4 Protection from water splashing against the enclosure from any direction shall have no harmful effect.



5 Protection from water projected by a nozzle 6.3mm(0.25in) against enclosure from any direction shall have no harmful effects.



6 Water from heavy seas or water projected in powerful jets shall not enter the enclosure in harmful quantities.



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