



Step 1: We enter the kit info via form

- 1. Puissance Panneau
- 2. Puissance de panneaux)
- 3. Nombre de panneaux
- 4. Puissance
- 5. Passerelle
- 6. Coffret AC
- 7. Position des panneaux
- 8. Type de tuiles
- 9. Nbre Ligne

Result Step 1:

```
{
  "NbrePanneaux": 1,
  "puissance_panneau": 375,
  "puissance_panneau_label": "PANNEAU 375WC
POWERNITY",
  "micro": 350,
  "microOnduleur": "powernity-350",
  "optionBoitier": "2",
  "marque": "Monophasé",
  "positionPanneauxChoice": "Portrait",
  "typeTuilesChoice": "Tuile ardoise",
  "nbLignes": "2",
  "nbPanneauxParLigne": [
    1
  ],
  "quantity": 1
}
```

Step 2: We create a formula / condition code

We get all of the items that are shared between kits and we enter the conditions to the ones that are not similar we use the use since each item will have a use info

Result Step 2:

```
{
  nbPanneaux: 1,
  nbMicroOnduleur: 1,
  nbVisMicroOnduleur: 0,
  nbMicroOnduleurUnpair 0
  nbCableMicroOnduleur3m: 0
  nbHmsTrunkConnectorT: 0,
  nbMhsSealingCap: 0,
  nbRails: 1,
  nbRaccordRails: 0,
  nbFixationsBlackExterV3: 8,
  nbFixationsBlackInterV3: -2,
  nbCrochetsStandardTMHV3: 2,
  nbCoffretAC: 1,
  nbPasserelle: 1,
  nbHmsConnector: 0,
  nbOutilDeDeconnection: 0,
  nbFinDeRailsBlack 0,
  nbVisABois 0,
  nbCrochetsTirfons 16,
  nbBacALester 8,
  nbCrochetsTuileMecanique 16,
  nbCrochetsTuilePlate 16,
  nbCrochetsTuileCanal 16,
  nbCrochetsTuileArdoise 16,
  nbminirails 0
  nbCableMicroOnduleurOther 0
  nbCableMicroOnduleur803212633 0
  nbConnectMicroOnduleur 2
  nbTour 1
  nbvISCrochets 4
}
```

Step 3: Fetch Products From DB

Fetch Products from Db and match their use with the nb... to the nb coming from the generated quantity from step 2 Kit Assembly)

Result Step 3:

```
{
  "componentsWithPrices": [
    {
      "_id": "669f69d6de4282ba46ff7528",
      "name": "POWERNITY PANNEAU PHOTOVOLTAIQUE
375WC DIM 1722×1134×30MM",
      "stock_reel": 88,
      "stock": 2994,
      "cost": 190,
      "use": "nbPanneaux",
      "image": "panneaux-photovoltaique.png",
      "ref": "JKL108B375MH",
      "cat": "panneaux",
      "oldname": "POWERNITY PANNEAU
PHOTOVOLTAIQUE 375WC DIM 1722×1134×30MM",
      "status": "available",
      "quantity": 1,
      "totalPriceForComponent": 190
    },
    {
      "_id": "65c64495ce2464335eec2a84",
      "name": "POWERNITY MICRO ONDULEUR 360Wc
1par panneau de 375Wc Avec cable de 2MI-EVT360",
      "stock_reel": 8000,
      "stock": 7979,
      "cost": 166.04,
      "use": "nbMicroOnduleur",
      "image": "micro-onduleur-350-450.png",
      "ref": "PW360",
      "cat": "onduleurs",
      "oldname": "Micro-onduleur 350W POWERNITY",
      "status": "unavailable",
      "quantity": 1,
      "totalPriceForComponent": 166.04
    },
    ....
  ],
  "totalPrice": 1713.7
}
```

Step 4: Populate the kit with the right items + quantities + conditions

Create a function that call the Step 2 function to show all kits at the same time and not like in kit perso on click