

# Summary of current regulations in the EU Member States

ŷ The following table summarises the regulatory situation for plug-in systems, by December 2025 in key European solar markets. (This report is not exhaustive.)

Table 5

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Current regulations in the Member States for plug-in photovoltaics

SYSTEM REGULATORY	POWER DC - AC	REGISTRATION A SYSTEM BUT	INSTALLATION PROFESSIONAL	INCENTIVES GRANTS	IMMISSIONS PUBLIC NETWORK	CERTIFICATIONS COMPLIANCE
Germany DC: 2,000 W AC: 800 W		<ul style="list-style-type: none"> <li>Simple registration online, at the Central Registry BnetzA, database of the Federal Network Regulator for the electrical market</li> <li>Standard Schuko.</li> </ul>	<ul style="list-style-type: none"> <li>It is not required, even if sometimes becomes mandatory, installing a special Wieland socket or similar.</li> <li>admitted.</li> </ul>	<ul style="list-style-type: none"> <li>Targeted grants of a local nature.</li> <li>0% VAT on all photovoltaic systems &lt; 30kW</li> <li>“FIT” rate on kWh sold for failure self-consumption for systems &lt;10kW</li> </ul>	<ul style="list-style-type: none"> <li>Allow with suitability for FIT contribution according to EEG 8.43 c/kWh for photovoltaic systems smaller than 10 kW.</li> </ul>	<ul style="list-style-type: none"> <li>Although it is not a legal prerequisite, the products, for insurance purposes, must comply with VDE standards.</li> <li>December 2025 DIN VDE V 0126-95</li> </ul>
Austria	AC: 800 W	<ul style="list-style-type: none"> <li>Notification simplified preventive measures Network Manager,</li> </ul>	<ul style="list-style-type: none"> <li>Sometimes it comes required, depends on the gesture of the Local network.</li> <li>Schuko Standard accepted but not OVE approved.</li> </ul>	<ul style="list-style-type: none"> <li>Today there are no specific subsidies foreseen for the Plug-in systems.</li> <li>From 2024 to 2026 VAT exemption for systems &lt;35 kW</li> </ul>	<ul style="list-style-type: none"> <li>They are not regulated.</li> </ul>	...
Spain AC: 800 W		<ul style="list-style-type: none"> <li>Preventive request to the Network Distributor (i-DE) with the support of a qualified technician.</li> <li>Mandatory meter bidirectional.</li> </ul>	<ul style="list-style-type: none"> <li>Installation and certification with a licensed electrician.</li> <li>Compliance ITC-BT40</li> <li>Schuko Standard admitted with line unique dedicated.</li> </ul>	<ul style="list-style-type: none"> <li>Urban PV systems, less than 15 kW, do not have no need of authorization preventive.</li> </ul>	<ul style="list-style-type: none"> <li>Allow only in case a electrician installs the plant,.</li> <li>They are not compensation for surpluses is expected handed over to the network.</li> </ul>	<ul style="list-style-type: none"> <li>REBT Compliance</li> <li>Licenses and Certifications for use may vary from region to region.</li> </ul>
Portugal	AC: 350 W AC: 800 W	<ul style="list-style-type: none"> <li>Not required if less than 350W.</li> <li>Communication to the DGEG through the SERUP portal.</li> <li>They could be necessary municipal building permits and/or condominiums.</li> </ul>	<ul style="list-style-type: none"> <li>Not required if less than 350W.</li> <li>Necessary if greater than 350W</li> </ul>	<ul style="list-style-type: none"> <li>In the islands Portuguese, a rate applies for photovoltaics VAT of 4%</li> <li>85% subsidy from the Fund Environmental (max €1,000)</li> </ul>	<ul style="list-style-type: none"> <li>Allowed, EDP buys the surpluses in the connections greater than 350W at current value OMIE.</li> </ul>	<ul style="list-style-type: none"> <li>No obligation up to 350W</li> <li>350-700W without transfers.</li> <li>DGEG Compliance and registration on the SERUP portal for systems for sale 350-800W</li> </ul>
Italy	AC: 350 W AC: 800 W	<ul style="list-style-type: none"> <li>Simple communication to the Distributor of Local Network.</li> </ul>	<ul style="list-style-type: none"> <li>Recommended but not required.</li> </ul>	...	<ul style="list-style-type: none"> <li>Admitted without remuneration.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance CEI 0.21 CEI 64:8</li> </ul>



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Belgium • Admitted from April 2025	AC: 800 W	<ul style="list-style-type: none"> <li>Prior registration with the Manager of the network.</li> <li>Necessary municipal and condominium building permits.</li> <li>There may be objective differences between connections in: Wallonia, Brussels, Flanders.</li> </ul>	<ul style="list-style-type: none"> <li>Not required explicitly.</li> <li>RGIE requires a dedicated line, with specific protections for the accumulated powers.</li> <li>The use of is mandatory a counter of exchange with the public network.</li> </ul>	..	<ul style="list-style-type: none"> <li>Allowed, without remuneration.</li> <li>In Brussels, from 2026 all PV systems &gt;5kW to access to Green Certificates must be RESCert PV compliant but the plug-in PV for now, remains excluded from this benefit.</li> </ul>	<ul style="list-style-type: none"> <li>Synergic C10/26 approval of the plug-in components used.</li> <li>RGIE Certification recent, of the domestic electrical system.</li> </ul>
France	AC: 800 W AC: 3,000 W	<ul style="list-style-type: none"> <li>The user must sign an agreement with the Network Manager for an exclusive self-consumption without transfers</li> <li>For network connections, with assignment, there is no specific rule, At the moment, the provisions for systems &lt;3 kW with the support of a qualified technician apply.</li> <li>Municipal condominium building permits are always required.</li> </ul>	<ul style="list-style-type: none"> <li>Not required, unless a surplus transfer is activated.</li> <li>From Sept. 2025 the NF C15-100 Standard prohibits connections plug-in (Schuko) and prescribes a specific standard for micro-implants.</li> </ul>	..	<ul style="list-style-type: none"> <li>It is not allowed, the user must sign an agreement with the Network Manager for an exclusive self-consumption without transfers.</li> <li>If the transfer of surpluses is activated, a certification is required of conformity by a qualified technician.</li> </ul>	<ul style="list-style-type: none"> <li>All components of the plug-in solar kit must be EU-CE certified and follow the French guidelines, for SER safety.</li> </ul>
Netherlands	AC: 800 W	<ul style="list-style-type: none"> <li>Mandatory on the National Register: Energieleveren.nl and possibly at the Local Network Manager.</li> </ul>	<ul style="list-style-type: none"> <li>Not required but hoped for by the associations of category and sector.</li> <li>Request a socket IP65 with one line dedicated protected.</li> </ul>	<ul style="list-style-type: none"> <li>Closure from 2027 of the system of compensation: Exchange on the spot.</li> </ul>	<ul style="list-style-type: none"> <li>Admitted with the compensation for the Scampio on the spot, but for excess transfers, a negotiable fee is paid, for the transfer - transport.</li> </ul>	<ul style="list-style-type: none"> <li>Compliant with NVWA regulations for consumer safety.</li> <li>Compliant with electrical regulations NEN 1010.</li> </ul>
Denmark	AC < 6 kW	<ul style="list-style-type: none"> <li>No difference between standard or micro plug-in system.</li> <li>All residential systems &lt;6 kW must be registered in the BBR Building Register and in the Elnet.DK register of the Network Distributor Local (Elnet.Dk) and to the lessor.</li> </ul>	<ul style="list-style-type: none"> <li>Request the installation exclusive with a certified RE operator</li> </ul>	<ul style="list-style-type: none"> <li>Tax credits on self-consumed energy.</li> </ul>	<ul style="list-style-type: none"> <li>Permitted and regulated only as a standard PV system.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with the Electrical Safety Standard DS/EN 50549-1 DS/EN 61215 and for statics BR18.</li> </ul>



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Ireland	AC: 800 W	<ul style="list-style-type: none"> <li>Communication to the Network Manager ESB Networks</li> <li>There is no specific regulation for plug-in connections.</li> </ul>	<ul style="list-style-type: none"> <li>Professional installation is always required (SEAI - Safe Electric)</li> </ul>	<ul style="list-style-type: none"> <li>For residential installations VAT 0%</li> </ul>	<ul style="list-style-type: none"> <li>Only permitted if it concerns installation certified professional</li> </ul>	<ul style="list-style-type: none"> <li>Compliance IS EN 50549-1 Sustainable Energy Authority of Ireland (SEAI)</li> </ul>
England (outside the EU)	AC: 800 W	<ul style="list-style-type: none"> <li>An unprecedented one is expected in 2026 specific regulation for the plug-in systems &lt; 800W. Today they are considered equivalent to PV installations residential.</li> </ul>	<ul style="list-style-type: none"> <li>Qualified installers with MCS certificate</li> </ul>	<ul style="list-style-type: none"> <li>0% VAT relief for turnkey installations, carried out by certified companies.</li> <li>Tax exemption on transfers due to failure self-consumption.</li> </ul>	<ul style="list-style-type: none"> <li>Only allowed if installation certified professional.</li> </ul>	<ul style="list-style-type: none"> <li>From June 2025 the Department for the Electrical Safety DESNZ starts a comparison on use of the UK standard BS 1363 plug and EU standard Schuko.</li> </ul>
Swiss (outside the EU)	AC: 600 W	<ul style="list-style-type: none"> <li>Communication of operation to the Local Network Operator.</li> <li>Possible building restrictions in municipal regulations</li> </ul>	<ul style="list-style-type: none"> <li>Recommended but not required.</li> <li>Schuko plug/socket connection permitted up to 2.6A. 230V.</li> </ul>	<ul style="list-style-type: none"> <li>Local subsidies are foreseen.</li> </ul>	<ul style="list-style-type: none"> <li>Allowed with a limit of 600W. 2.6A. 230V.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with NBT / 25 HD 60364-7-712 regulations In accordance with OPBT provisions ; RS 734.27.</li> </ul>
Slovenia	AC 600W if residential AC: v 800W if corporate	<ul style="list-style-type: none"> <li>Simple communication form to the Distributor of the Local Network</li> <li>A necessary authorization if there are other photovoltaic systems.</li> </ul>	<ul style="list-style-type: none"> <li>Recommended, but not requested.</li> </ul>	...	<ul style="list-style-type: none"> <li>Residential eligible 600W</li> <li>Not eligible if company 800W</li> <li>The transfers do not they are paid.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with guidelines Slovenian for portable photovoltaic devices TSG-N-002</li> <li>Compliance with installation regulations low voltage electrics tension and the connection of the Plug-in devices</li> </ul>
Croatia	AC: 800 W	<ul style="list-style-type: none"> <li>Plug-in installations and balcony solar kits are permitted, but are classified as small residential photovoltaic systems.</li> </ul>	<ul style="list-style-type: none"> <li>Not required, but compliance must ensure the standard VDE-AR-N 4105</li> </ul>	<ul style="list-style-type: none"> <li>From 2026 , the system will be modified Exchange on the spot.</li> <li>Accessibility to EPEF grants from the Protection Fund environmental.</li> </ul>	<ul style="list-style-type: none"> <li>Allowed only if compliant with the provisions of the Network Management.</li> <li>From 2026 , the compensation ratio for surpluses will change from 1:1 to 1:&lt;1.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with HRN EN 62109-1.I pertaining to the provisions of the Network Manager (HEP-ODS)</li> </ul>
Greece	AC: 800 W	<ul style="list-style-type: none"> <li>Simplified communication to the Network Manager.</li> </ul>	<ul style="list-style-type: none"> <li>Not required, but recommended.</li> </ul>	<ul style="list-style-type: none"> <li>Subsidies at 60-65% for vulnerable citizens.</li> </ul>	<ul style="list-style-type: none"> <li>Admitted with remuneration at market price.</li> </ul>	<ul style="list-style-type: none"> <li>Plug-in components, certified and HEDNO approved</li> </ul>



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Poland	AC: 800 W	<ul style="list-style-type: none"> <li>From 2026 the new provisions will allow the use of plug-in systems</li> <li>Required permission of the Distributor of the Network (DSO)</li> <li>Consent required unanimous agreement of the owners interested real estate agents.</li> </ul>	<ul style="list-style-type: none"> <li>Not required, but recommended to ensure secure fixings.</li> </ul>	..	<ul style="list-style-type: none"> <li>Allowed, subject to financial agreement on the reimbursement of surpluses, with the Distributor of the Local Network.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with PN-EN IEC standard 62548.</li> </ul>
Lithuania	DC: 1,000 W AC: 800 W	<ul style="list-style-type: none"> <li>Simple communication form to the Network Distributor. (ESO)</li> <li>Municipal permits may be required or consent of the property.</li> <li>Using flexible modules or removable, no authorization is required.</li> </ul>	<ul style="list-style-type: none"> <li>Not required, but in condominiums a check on the statics and safety of the plug-in connection certified by a technician.</li> </ul>	<ul style="list-style-type: none"> <li>CAPEX subsidy of €173/kW in capital expenditure per plant.</li> <li>State subsidy agency for the management of environmental projects APVA</li> </ul>	<ul style="list-style-type: none"> <li>Permissible, with the compliance of the Network Distributor (ESO)</li> </ul>	<ul style="list-style-type: none"> <li>Conformity (CE) and Lithuanian guidelines.</li> <li>Municipal building permit and unanimity condominium.</li> </ul>
Republic Czech	AC: 800 W	<ul style="list-style-type: none"> <li>From 2025 definable as "Microsources" connected in parallel to the Public Network.</li> <li>Communication simplified to Distributor of the Network, from 2026.</li> </ul>	<ul style="list-style-type: none"> <li>Request, to ensure safety static and electrical and access subsidies state.</li> </ul>	<ul style="list-style-type: none"> <li>NZÚ light subsidies for vulnerable users.</li> </ul>	<ul style="list-style-type: none"> <li>Admissible only upon acceptance of the contract purchase of surpluses by the Distributor of the Local network.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with DIN VDE V 0126-95 for plug-in connections.</li> <li>Compliance with guidelines of the Distributor of the Net.</li> </ul>
Romania	AC: 800 W	<ul style="list-style-type: none"> <li>Further simplifications will come into effect from 2026 for plug-in connections.</li> <li>Simplified communication to the Network Distributor,</li> </ul>	<ul style="list-style-type: none"> <li>A preventive check of the home electrical system is not required, but recommended.</li> </ul>	..	<ul style="list-style-type: none"> <li>Admissible only upon acceptance of the surplus purchase contract by the local network distributor.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with DIN VDE V 0126-95 for plug-in connections.</li> <li>Compliance with the local network distributor's guidelines.</li> </ul>
Hungary	..	<ul style="list-style-type: none"> <li>Any plug-in and PV installation on the balcony is prohibited.</li> </ul>	..	..	..	..

