

Summary of current regulations in the EU Member States

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 1:4

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">Simple registration online, at the Central Registry BnetzA, database of the Federal Network Regulator for the electrical marketStandard Schuko.	<ul style="list-style-type: none">It is not required, even if sometimes becomes mandatory, installing a special Wieland socket or similar.Schuko. admitted.	<ul style="list-style-type: none">Targeted grants of a local nature.0% VAT on all photovoltaic systems < 30kW"FIT" rate on kWh sold for failure self-consumption for systems <10kW	<ul style="list-style-type: none">Allow with suitability for FIT contribution according to EEG 8.43 c/kWh for photovoltaic systems smaller than 10 kW.	<ul style="list-style-type: none">Although it is not a legal prerequisite, the products, for insurance purposes, must comply with VDE standards.December 2025 DIN VDE V 0126-95
Austria	AC: 800 W	<ul style="list-style-type: none">Notification simplified preventive measures Network Manager,	<ul style="list-style-type: none">Sometimes it comes required, depends on the gesture of the Local network.Schuko Standard accepted but not OVE approved.	<ul style="list-style-type: none">Today there are no specific subsidies foreseen for the Plug-in systems.From 2024 to 2026 VAT exemption for systems <35 kW	<ul style="list-style-type: none">They are not regulated.	
Spain AC: 800 W		<ul style="list-style-type: none">Preventive request to the Network Distributor (i-DE) with the support of a qualified technician.Mandatory meter bidirectional.	<ul style="list-style-type: none">Installation and certification with a licensed electrician.Compliance ITC-BT40Schuko Standard admitted with line unique dedicated.	<ul style="list-style-type: none">Urban PV systems, less than 15 kW , do not have no need of authorization preventive.	<ul style="list-style-type: none">Allow only in case a electrician installs the plant,.They are not compensation for surpluses is expected handed over to the network.	<ul style="list-style-type: none">REBT ComplianceLicenses and Certifications for use may vary from region to region.
Portugal	AC: 350 W AC: 800 W	<ul style="list-style-type: none">Not required if less than 350W.Communication to the DGEG through the SERUP portal.They could be necessary municipal building permits and/or condominiums.	<ul style="list-style-type: none">Not required if less than 350W.Necessary if greater than 350W	<ul style="list-style-type: none">In the islands Portuguese, a rate applies for photovoltaics VAT of 4%85% subsidy from the Fund Environmental (max €1,000)	<ul style="list-style-type: none">Allowed, EDP buys the surpluses in the connections greater than 350W at current value OMIE.	<ul style="list-style-type: none">No obligation up to 350W350-700W without transfers. DGEG Compliance and registration on the SERUP portal for systems for sale 350-800W
Italy	AC: 350 W AC: 800 W	<ul style="list-style-type: none">Simple communication to the Distributor of Local Network.	<ul style="list-style-type: none">Recommended but not required.		<ul style="list-style-type: none">Admitted without remuneration.	<ul style="list-style-type: none">Compliance CEI 0.21 CEI 64:8



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



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Ireland	AC: 800 W	<ul style="list-style-type: none"> • Communication to the Network Manager ESB Networks • There is no specific regulation for plug-in connections. 	<ul style="list-style-type: none"> • Professional installation is always required (SEAI - Safe Electric) 	<ul style="list-style-type: none"> • For residential installations VAT 0% 	<ul style="list-style-type: none"> • Only permitted if it concerns installation certified professional 	<ul style="list-style-type: none"> • Compliance IS EN 50549-1 Sustainable Energy Authority of Ireland (SEAI)
England (outside the EU)	AC: 800 W	<ul style="list-style-type: none"> • An unprecedented one is expected in 2026 specific regulation for the plug-in systems < 800W. Today they are considered equivalent to PV installations residential. 	<ul style="list-style-type: none"> • Qualified installers with MCS certificate 	<ul style="list-style-type: none"> • 0% VAT relief for turnkey installations, carried out by certified companies. • Tax exemption on transfers due to failure self-consumption. 	<ul style="list-style-type: none"> • Only allowed if installation certified professional. 	<ul style="list-style-type: none"> • 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.
Swiss (outside the EU)	AC: 600 W	<ul style="list-style-type: none"> • Communication of operation to the Local Network Operator. • Possible building restrictions in municipal regulations 	<ul style="list-style-type: none"> • Recommended but not required. • Schuko plug/ socket connection permitted up to 2.6A. 230V. 	<ul style="list-style-type: none"> • Local subsidies are foreseen. 	<ul style="list-style-type: none"> • Allowed with a limit of 600W. 2.6A. 230V. 	<ul style="list-style-type: none"> • Compliance with NBT / 25 HD 60364-7-712 regulations In accordance with OPBT provisions ; RS 734.27.
Slovenia	AC 600W if residential AC: v 800W if corporate	<ul style="list-style-type: none"> • Simple communication form to the Distributor of the Local Network • A necessary authorization if there are other photovoltaic systems. 	<ul style="list-style-type: none"> • Recommended, but not requested. 		<ul style="list-style-type: none"> • Residential eligible 600W • Not eligible if company 800W • The transfers do not they are paid. 	<ul style="list-style-type: none"> • Compliance with guidelines Slovenian for portable photovoltaic devices TSG-N-002 • Compliance with installation regulations low voltage electrics tension and the connection of the Plug-in devices
Croatia	AC: 800 W	<ul style="list-style-type: none"> • Plug-in installations and balcony solar kits are permitted, but are classified as small residential photovoltaic systems. 	<ul style="list-style-type: none"> • Not required, but compliance must ensure the standard VDE-AR-N 4105 	<ul style="list-style-type: none"> • From 2026 , the system will be modified Exchange on the spot. • Accessibility to EPEF grants from the Protection Fund environmental. 	<ul style="list-style-type: none"> • Allowed only if compliant with the provisions of the Network Management. • From 2026 , the compensation ratio for surpluses will change from 1:1 to 1:<1. 	<ul style="list-style-type: none"> • Compliance with HRN EN 62109-1.1 pertaining to the provisions of the Network Manager (HEP-ODS)
Greece	AC: 800 W	<ul style="list-style-type: none"> • Simplified communication to the Network Manager. 	<ul style="list-style-type: none"> • Not required, but recommended. 	<ul style="list-style-type: none"> • Subsidies at 60-65% for vulnerable citizens. 	<ul style="list-style-type: none"> • Admitted with remuneration at market price. 	<ul style="list-style-type: none"> • Plug-in components, certified and HEDNO approved



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

