

Pakistan Solar PV Import and Insights Report

Q3 2026

July–September 2026



Pakistan Solar Association

Lets grow together



SOLAR PV IMPORT & INSIGHTS REPORT

Pakistan Solar Module Imports
Q3 2026 (July – September)

Prepared by

Muhammad Hammad Shami

Assistant Manager – Research & Publications
Pakistan Solar Association (PSA)

October 2026

Executive Summary

Pakistan imported **3.39 GW** of solar PV modules in **Q3 2026 (July–September)**, valued at **US\$ 391.9 million (PKR 108.9 billion)** across 1,361 consignments. Cumulative imports for January–September 2026 reached 9.85 GW, worth US\$ 928.8 million.

3.39 GW Q3 module imports	US\$ 391.9 M Total import value	\$0.12/W Average import price	1,361 Consignments
-------------------------------------	---	---	------------------------------

- **Front-loaded quarter:** July accounted for 54.9% of Q3 volume (1.86 GW); August and September settled at 0.71 and 0.82 GW.
- **Mainstream wattage dominates:** 550–649 W modules represent 87.2% of Q3 imports, with 585 W the single most imported rating in every month.
- **Prices eased:** average import price fell from US\$ 0.14/W in July to US\$ 0.11/W in September.
- **Ultra-high-power modules remain niche:** panels of 700 W and above were 3.5% of Q3 volume.

1. Monthly Overview

Month	Consignments	Imports (GW)	Value (US\$ M)	Avg \$/Watt	PKR/USD
July	771	1.860	221.18	0.142	278.24
August	297	0.712	79.93	0.119	277.92
September	293	0.816	90.84	0.113	277.29
Q3 Total	1,361	3.388	391.94	0.125	–

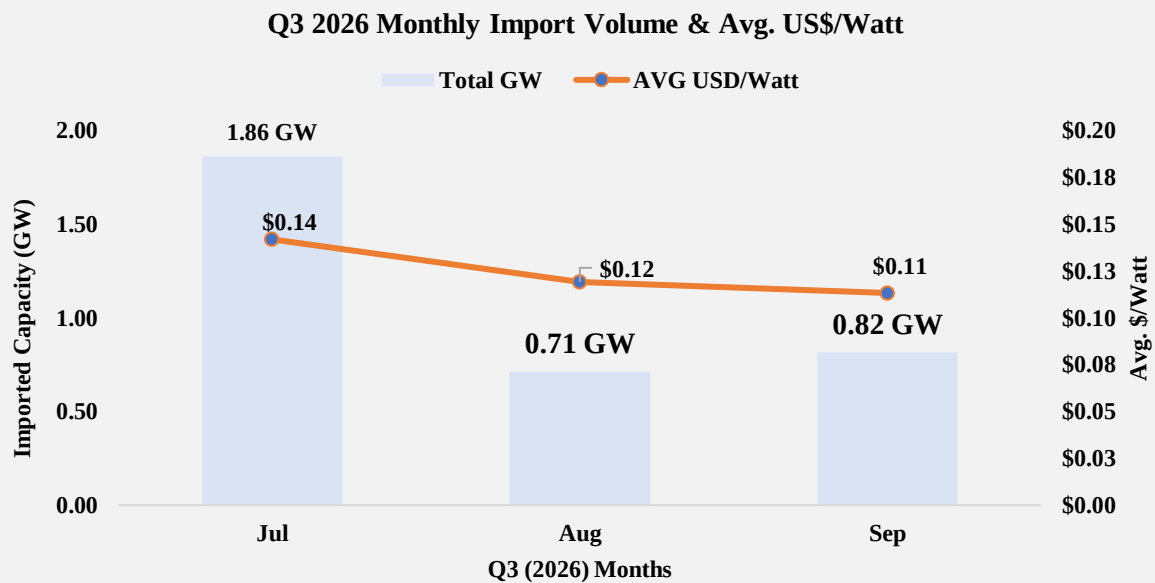


Figure 1: Monthly import volume (GW) and average import price (US\$/W)

- **Quarter-on-quarter:** Q3 volume was 28% below Q2 (4.71 GW), while import value rose about 7% (US\$ 391.9 M vs 366.5 M in Q2).
- **Price trend:** the average import price declined steadily through the quarter, from US\$ 0.142/W to US\$ 0.113/W.

2. Brand Landscape

Brand	Jul (MW)	Aug (MW)	Sep (MW)	Q3 (MW)	Share
 Jinko Solar	232	187	237	656	19.4%
 Canadian Solar	186	39	96	321	9.5%
 LONGi	230	45	50	324	9.6%
 RONMA Solar	73	90	59	222	6.5%
 JA SOLAR	112	36	35	183	5.4%
 OSDA	35	29	50	114	3.3%
 Cora Dawn solar	7	1	18	26	0.8%
OTHERS	985	287	273	1,544	45.6%

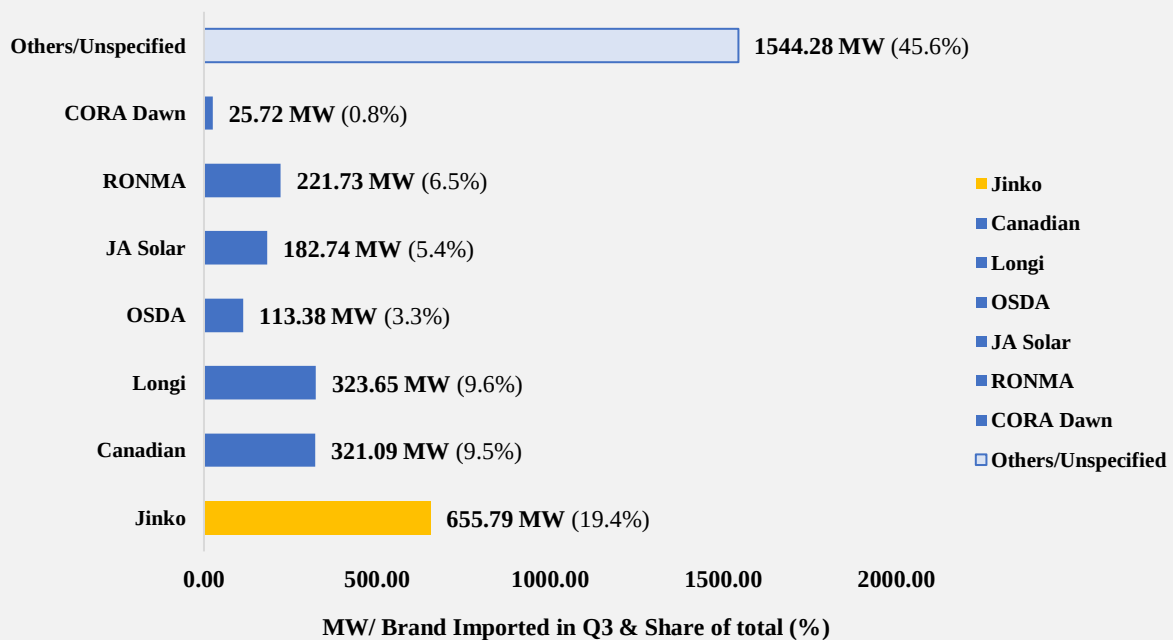


Figure 2: Q3 2026 imports by brand (MW and share of total)

- **Jinko** is the largest named brand with 655.8 MW (19.4%) and the only major brand with consistently strong monthly volumes.
- **Others / unbranded** modules account for 45.6% of Q3 volume (1.54 GW), concentrated in July.

3. Technology Shift: Panel Wattage Class

Import volume was classified by the rated wattage of each panel (Panel Wattage column), weighted by the Total kW of each consignment. Classes include the lower bound (e.g., 600–649 W starts at 600 W).

Wattage Class	Jul (GW)	Jul %	Aug (GW)	Aug %	Sep (GW)	Sep %	Q3 (GW)	Q3 %
<550 W	0.096	5.1%	0.024	3.3%	0.043	5.3%	0.162	4.8%
550-599 W	0.935	50.3%	0.414	58.2%	0.422	51.7%	1.772	52.3%
600-649 W	0.684	36.8%	0.200	28.1%	0.300	36.7%	1.184	35.0%
650-699 W	0.082	4.4%	0.043	6.0%	0.026	3.2%	0.151	4.5%
700-749 W	0.047	2.5%	0.029	4.1%	0.023	2.9%	0.099	2.9%
750+ W	0.016	0.8%	0.002	0.3%	0.002	0.2%	0.020	0.6%
Total	1.860	100%	0.712	100%	0.816	100%	3.388	100%

Panel Wattage % Share - Visual Representation

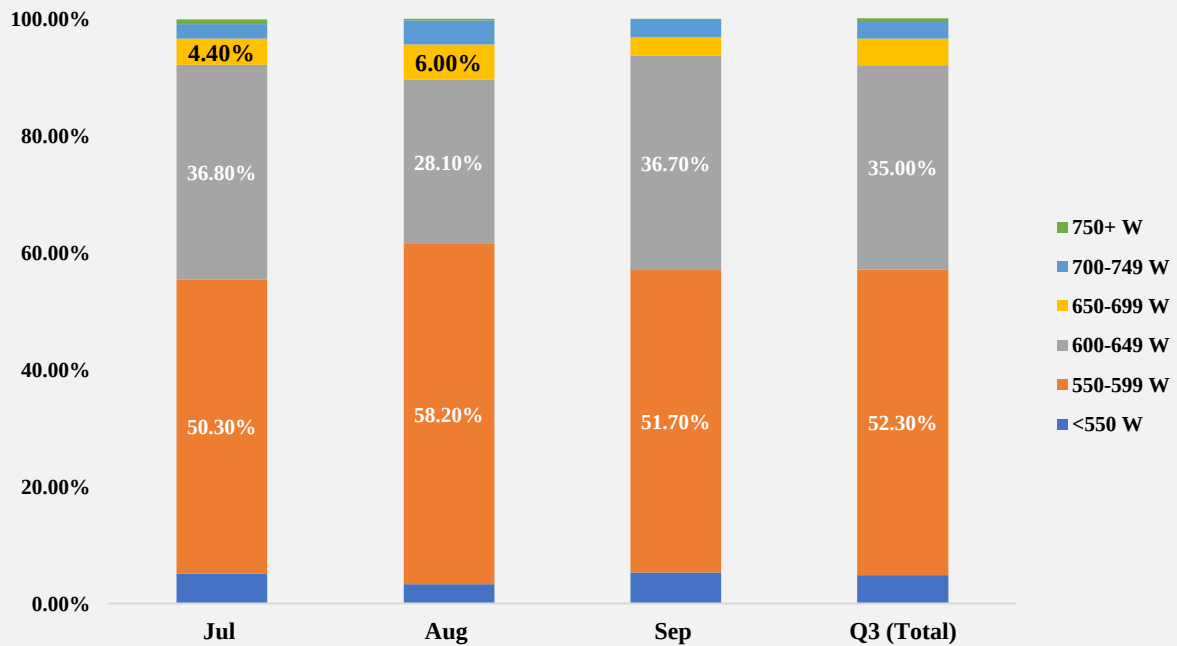


Figure 3: Share of monthly imports by wattage class

Panel Wattage Volume (GW) Share - Visual Representation

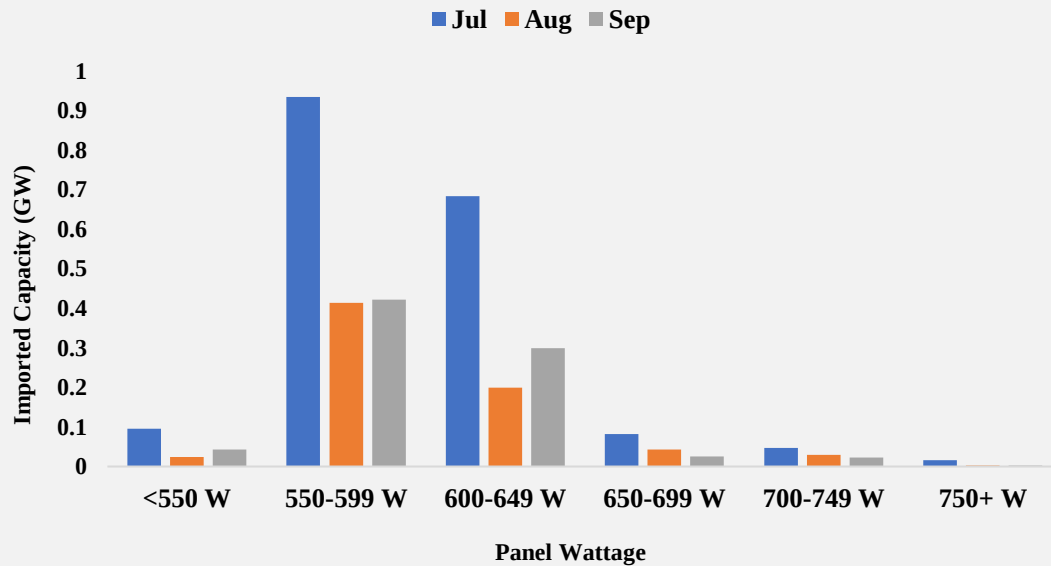


Figure 4: Import volume (GW) by wattage class and month

- **550–599 W leads every month** with 52.3% of Q3 volume, followed by 600–649 W at 35.0%.
- **Gradual move away from sub-550 W:** its share was 5.1% in July, 3.3% in August and 5.3% in September (4.8% for Q3).
- **Average panel wattage edged up:** from 588 W in June to 598 W (July), 600 W (August) and 601 W (September).
- **700 W+ remains niche:** 3.4% in July, 4.4% in August and 3.1% in September, below June's 6.0%. The 750 W+ class stays under 1% every month.

The market is consolidating around 585 W and 600–650 W modules rather than moving quickly to the highest-wattage products.

Key Takeaways:

- Q3 solar PV imports reached 3.388 GW, with a recorded import value of USD 391.94 million, equivalent to PKR 108.94 billion.
- July dominated the quarter, contributing 1.860 GW, or 54.88% of Q3 capacity. Imports declined 61.69% in August before recovering 14.59% in September to 0.816 GW.
- 550–599 W modules remained the largest segment, accounting for 52.28% of quarterly imported capacity, followed by 600–649 W modules at 34.95%. Together, these classes represented 87.24% of Q3 capacity.
- 600 W+ modules accounted for 42.93% of Q3 imports. Their monthly share moved from 44.59% in July to 38.52% in August and 42.99% in September, indicating a recovery rather than a sustained shift toward higher wattage.
- Jinko led the individually listed brands, recording 655.79 MW and a 19.35% quarterly share, followed by LONGi at 9.55% and Canadian Solar at 9.48%.
- Capacity-weighted import value declined 6.45%, from USD 0.1189/W in July to USD 0.1113/W in September.

Notes & Methodology

Data source: Pakistan Solar Association cleaned and analysed Solar PV custom data against the *HS Code (8541.43)*. Consignment-level customs import records for solar PV modules, compiled and cleaned by PSA for January–September 2026. This report covers Q3 (July, August and September).

Volume: Import volume is the sum of Total kW per consignment (rated panel wattage multiplied by the number of panels). Where a description stated both the wattage and the piece count, these were used to verify the quantity. Monthly totals reconcile with the PSA summary sheet.

Value and price: Import value is converted to US dollars at the monthly PKR/USD rate used in the PSA dataset. Average price (US\$/W) is total import value divided by total watts imported.

Wattage classes: Each consignment is assigned to a class by its rated panel wattage and weighted by its Total kW, so shares reflect imported capacity rather than the number of panels or consignments. Class limits include the lower bound (for example, 600–649 W starts at 600 W).

Brands: Brand shares follow the Brand field of each record from description. "Others" groups all other brands together with unbranded or unidentified modules.