

A person's hands are raised, holding a bright sun that creates a lens flare effect. The background is a warm sunset over a landscape with mountains. The overall tone is golden and hopeful.

UNI-SOLAR®

ePVL

**Packaging and Logistics
Information**

ePVL Packaging and Logistics Information

ePVL Packaging Changes

- **Container packing density improved**
 - More parts per shipping container
 - Overall stack height increase
 - Reduced shipping costs
- **Stronger box design**
 - More robust for shipping
 - Allows stacks of pallets to be 4 high
- **More robust pallet**
 - More resistant to damage during handling
- **Includes quick connect key**
 - Connectors are shipped in short-circuit condition to prevent corrosion
 - Tool included for disconnecting the latching connector
- **Handling and storage recommendations printed on each box**
 - Help prevent damage through improper storage and handling

ePVL Packaging and Logistics Information

Package Specifications						Container/Truck Shipment Density Information								
	Pallet Dimensions L x W x H mm (in)	Pallet Weight kg (lb)	Stack of 4 Height mm (in)	Stack of 4 Weight kg (lb)	ePVL Laminates per Pallet (ea)		Pallet Spaces per Shipping Container	Pallets per Stack	Pallets per Shipping Container	ePVL qty Per Shipping Container	KW of 68W laminates per shipping container (E535128)	KW of 128W laminates per shipping container (E438128)	KW of 136W laminates per shipping container (E538128)	KW of 144W laminates per shipping container (E638128)
ePVL 22L	1130 x 1130 x 534 (44.5 x 44.5 x 21.0)	243 (536)	2136 (84)	972 (2144)	30	20 Foot Sea Container	10	4	40	1200	N/A	154	163	173
						40 Foot Sea Container	20	4	80	2400	N/A	307	326	346
						53 Foot Semi Truck	20	4	80	2400	N/A	307	326	346
ePVL 11L	1130 x 1130 x 534 (44.5 x 44.5 x 21.0)	216 (475)	2136 (84)	864 (1900)	50	20 Foot Sea Container	10	4	40	2000	136	N/A	N/A	N/A
						40 Foot Sea Container	20	4	80	4000	272	N/A	N/A	N/A
						53 Foot Semi Truck	20	4	80	4000	272	N/A	N/A	N/A

*Definition of Pallet → wooden platform including box and contents



Customer Cost Savings Potential		
	Previous PVL (M538128 and M638128)	ePVL (E538128 and E638128)
Laminates per shipment	1,800	2,400
Watts per laminate	144	144
Quantity of laminates per box	30	30
Boxes per 40' container	60	80
Total KW per 40' container	259	346
Cost per 40' container	\$5,000	\$5,000
Shipping cost per watt	\$0.019	\$0.014
Per Watt Savings To Customer		\$0.005

Quick Connect Key