



EnerSalvis Series

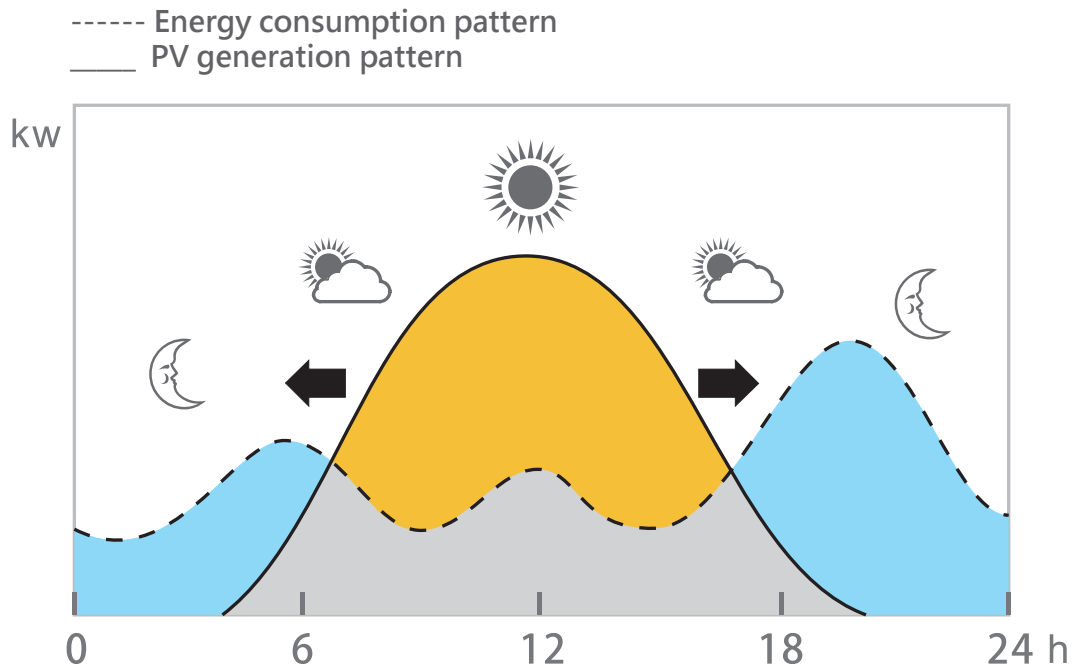
Energy Storage Inverter

Taurus 10/20/30/40/60/80

- Level PWM Technology
- High Efficiency, On-line Mode Efficiency 95%
- Output power factor 1
- Low Input harmonic, THDi% <3%
- Power Scalable and Parallel Redundancy
- UPS power
- Common Battery Used for Parallel Redundant System
- Compatible to mains voltage or generator power
- Hot Swappable Battery Function
- Smart battery charger design for optimized battery performance
- Advance DSP Control Technology
- Wide Input AC Voltage Range
- LCD Display
- Smart Fan Operation
- Cold start function
- Overload and short circuit protection
- Auto restart while AC is recovering
- Optional Remote Control Panel available

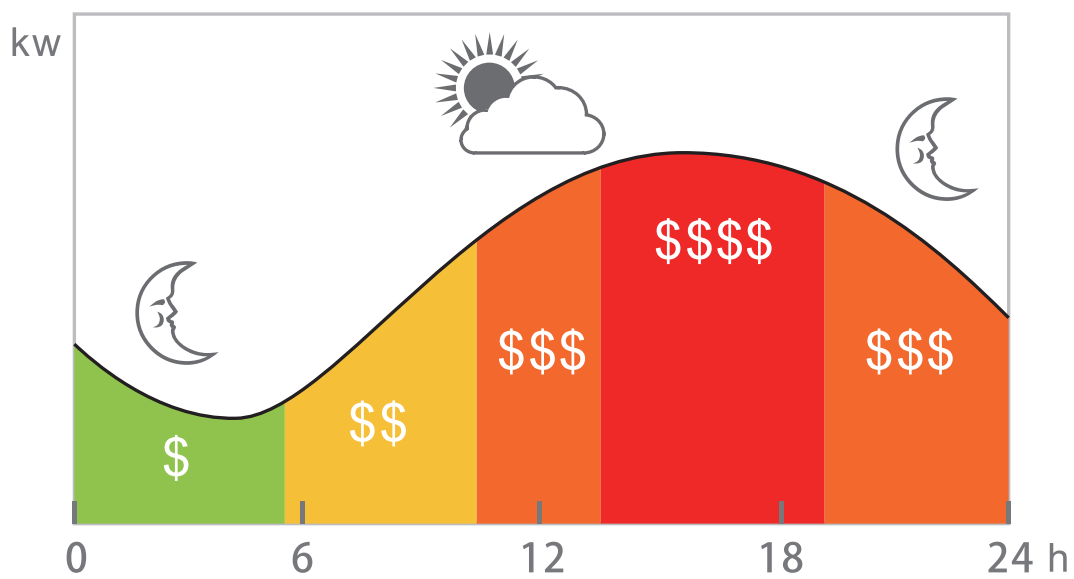
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Energy Self-Consumption



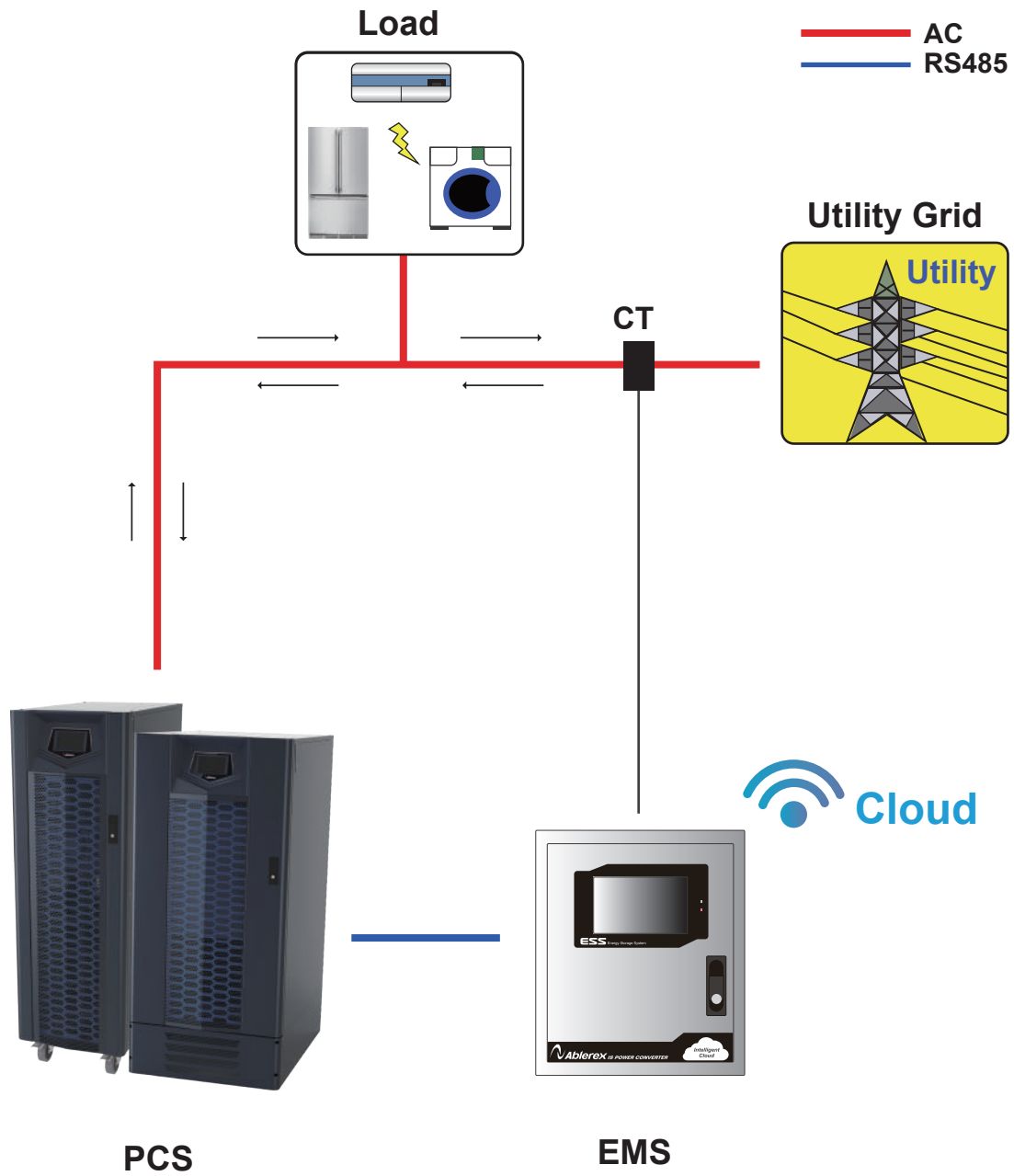
- Day: Charge and store energy generated by PV panel.
- Night: Consume the stored energy for use.

Peak Hours Shaving

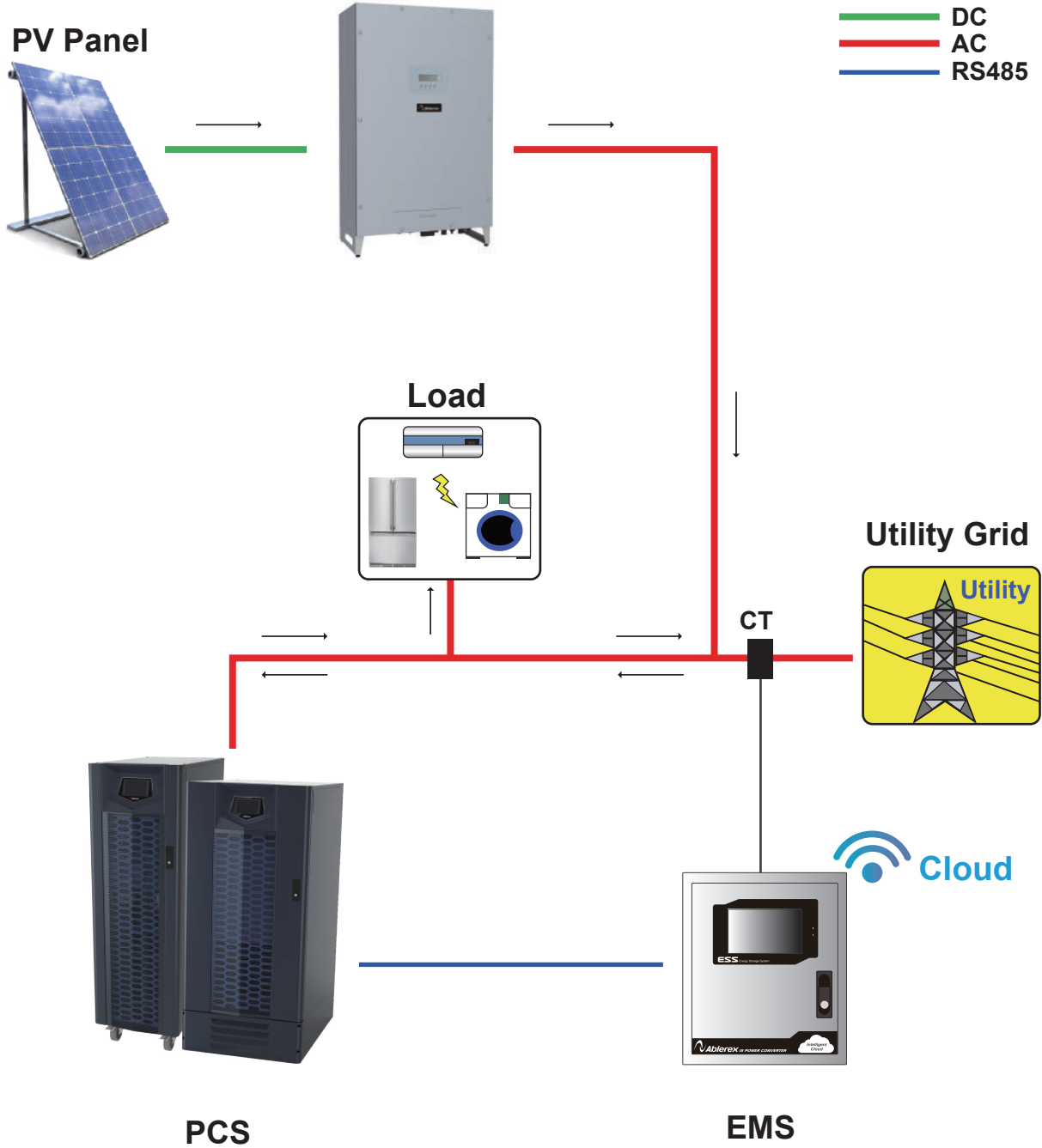


- Off-Peak Rate - Charge the battery pack during electricity off-peak rate hours.
- Peak Rate - Use the electricity from the battery pack during electricity peak rate hours.

EnerSalvis System



[Energy utilization without Solar PV Power]



[Integration with existing On Grid PV System]

Energy Storage Inverter

Model	Item	Taurus 10	Taurus 20	Taurus 30	Taurus 40	Taurus 60	Taurus 80
Capacity	VA	10kW	20kW	30kW	40kW	60kW	80kW
Output	Voltage	400V±20% (Full Load),400V-20% ~ 400V-40% (Half Load) 3 Φ+N					
	Power Factor	≥ 0.99					
	Frequency	40~70Hz					
	Voltage Harmonic Distortion	<3%					
Battery	Voltage	350Vdc~550Vdc					326Vdc ~567Vdc
	Max. Charging Current	10A	21A	31A	42A	63A	84A
	Common Battery for Parallel Configuration	YES					
	Internal Batteries	Available for housing 9Ah/12Vdc 40pcs x 2 strings				Not Available	
Environment	Operation Temperature	0~40°C					
	Operation Humidity	0~95% (w/o condensation)					
	Tested to standards	LVD: EN62040-1 EMC requirements: EN62040-2					
	Mark	CE					
	Noise (at 1 meter)	<52dBA		<56dBA		<60dBA	

Efficiency	Max. Efficiency	Normal mode $\geq 94\%$ Economic mode $\geq 98\%$ Battery powered mode $\geq 93\%$	Normal mode $\geq 95\%$ Economic mode $\geq 98\%$ Battery powered mode $\geq 94\%$
	Parallel	Up to 6 units	
General	Dimensions (W x D x H) mm	440 x 860 x 1390 with Wheel	600 x 827 x 1253 (w/o Wheel) 600 x 827 x 1345 (with Wheel)
	Protection Grade	IP20	
	Display and MMI	4.3" Colorful LCD Touch Screen	
	Built-in Communication Port	RS232, USB, EPO, Dry Contact	
	Optional Communication	2 Communication Slots for SNMP Card, RS-485 Modbus Card, Dry Contact Card	