



LINECARD



About YEC

Being fast and robust energy storage devices, super capacitors become an integral part in the field of backup-systems (smart metering, data storage). Our long-standing partner YEC helps us to meet all challenging demands regarding fast energy charge and discharge in various fields.

Established in Taiwan in 1969, YEC develops ultra-caps with outstanding quality and performance characteristics in cooperation with Japanese partners.

YEC will continue to strengthen its competitiveness and maintain the goal of sustainable operation to meet the needs of customers for future products.

Applications

Consumer Electronic

- Backup power for various consumer / industrial device (UPS)
- Power storage
- Smart Meter (water / electricity / gas)
- Handheld power tools / device
- Driving recorder

Energy recovery and regeneration

- Wind turbine pitch system
- Electric bus
- Recover energy during braking of train
- Cranes, forklifts and tractors

Lighting

- Street light powered by solar panel

Power buffer for low-power equipment

- RAM
- SRAM
- PC Card

Photovoltaic systems

Traffic Signal

- Solar traffic signal module


Signal Transmission


Electric Vehicle


AGV / AMR


- Automated Guided Vehicle; AGV
- Autonomous Mobile Robot; AMR

GPL SERIES	CAPACITANCE (F)	DIMENSION (MM)	ESR/DC. (mΩ)	VOLTAGE (V)	OPERATING TEMP. (°C)
	0.5F	8x12	1800 mΩ	2.7/2.3 V	-40 to +65/+85°C
	1F	8x12	700 mΩ		
	1.2F	6.3x15	650 mΩ		
	1.5F	8x14	410 mΩ		
	2F	8x16	350 mΩ		
	3.3F	8x20	300 mΩ		
	4F	10x20	250 mΩ		
	5F	10x20	160 mΩ		
	6F	8x28	140 mΩ		
	6F	10x20	130 mΩ		
	8F	10x25	100 mΩ		
	10F	10x30	85 mΩ		
	15F	12.5x31.5	60 mΩ		
	22F	12.5x35.5	45 mΩ		
	25F	16x26	42 mΩ		
	30F	16x31.5	35 mΩ		
	50F	18x40	20 mΩ		
100F	22x45	15 mΩ			
100F	18x60	16 mΩ			

NL SERIES	CAPACITANCE (F)	DIMENSION (MM)	ESR/DC. (mΩ)	VOLTAGE (V)	OPERATING TEMP. (°C)
	100F	22x45	15 mΩ	2.7/2.3 V	-40 to +65/+85°C
	150F	25x50	14 mΩ		
	200F	30x50	13 mΩ		
	300F	35x50	13 mΩ		
	400F	35x60	12 mΩ		

GMPL SERIES	CAPACITANCE (F)	DIMENSION (MM)	ESR/DC. (mΩ)	VOLTAGE (V)	OPERATING TEMP. (°C)
	0.5F	9x17x16	1400 mΩ	5.4 V	-40 to +65°C
	0.75F	9x17x18	860 mΩ		

PV SERIES	CAPACITANCE (F)	DIMENSION (MM)	ESR/DC. (mΩ)	VOLTAGE (V)	OPERATING TEMP. (°C)
	0.5F	8x12	1600 mΩ	3.0/2.7 V	-40 to +65/+85°C
	1.2F	6.3x15	600 mΩ		
	2F	8x16	350 mΩ		
	3.3F	8x20	300 mΩ		
	5F	8x25	150 mΩ		
	6F	8x28	130 mΩ		
	10F	10x30	80 mΩ		
	15F	12.5x31.5	50 mΩ		
	25F	16x26	33 mΩ		
	34F	12.5x46	26 mΩ		
	35F	16x31.5	30 mΩ		
	60F	18x40	20 mΩ		
	100F	18x60	16 mΩ		

NV SERIES	CAPACITANCE (F)	DIMENSION (MM)	ESR/DC. (mΩ)	VOLTAGE (V)	OPERATING TEMP. (°C)
	150F	25x50	12 mΩ	3.0/2.7 V	-40 to +65/+85°C
	400F	35x60	7 mΩ		