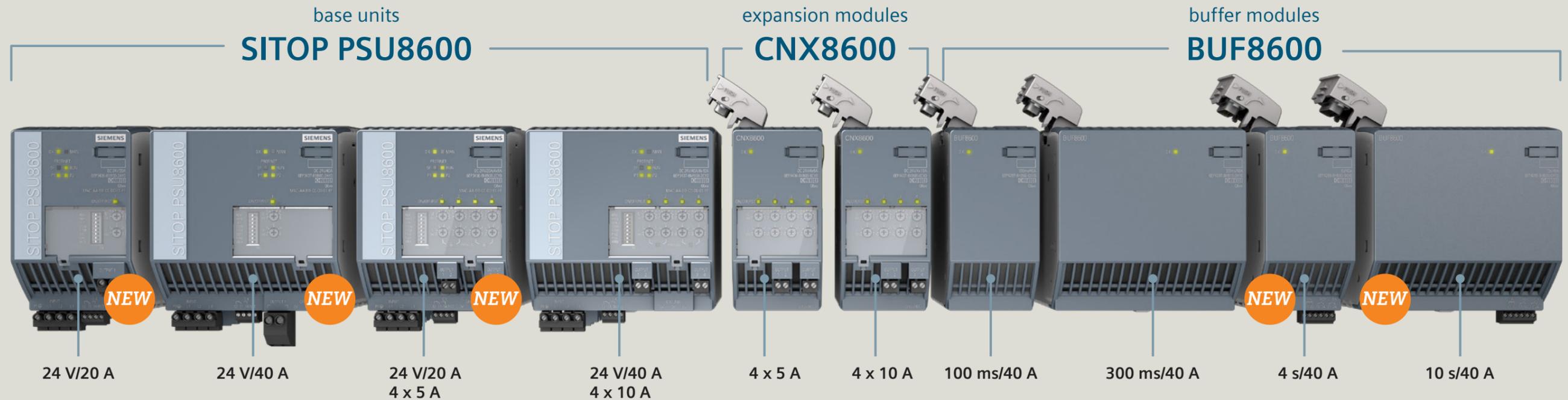


SITOP PSU8600 Power Supply System



| | Power supply systems with one output | | Power supply systems with four outputs | | Output expansion | | Bridging brief power failures (brownouts) | | Bridging longer power failures | | |
|--|--|---------------------------|--|--------------------|---|--------------------|---|--------------------|--------------------------------|----------------------|-----------------------------------|
| Rated output current | 20 A, 1 x 20 A NEW | 40 A, 1 x 40 A NEW | 20 A, 4 x 5 A NEW | 40 A, 4 x 10 A | 4 x 5 A | 4 x 10 A | 100 ms/40 A | 300 ms/40 A | 4 s/40 A NEW | 10 s/40 A NEW | |
| Rated output voltage | Rated: 24 V DC, setting range per output: 5 V ... 28 V DC NEW | | | | 24 V DC, setting range per output: 5 V ... 28 V DC NEW | | 100 ms | 200 ms | 40 s | 80 s | Buffering time at 24 V DC/5 A |
| Overload characteristics (extra power) | 30 A for 5 s/min | 60 A for 5 s/min | 30 A for 5 s/min | 60 A for 5 s/min | | | 400 ms | 1.2 s | 20 s | 40 s | Buffering time at 24 V DC/10 A |
| Overload protection, adjustable response threshold | 2 ... 20 A | 4 ... 40 A | 0.5 ... 5 A | 0.5 ... 10 A | 0.5 ... 5 A | 0.5 ... 10 A | 200 ms | 600 ms | 10 s | 20 s | Buffering time at 24 V DC/20 A |
| Approx. efficiency for rated value. | 93% | 94% | 93% | 94% | included in the efficiency of the base unit | | 100 ms | 300 ms | 4 s | 10 s | Buffering time at 24 V DC/40 A |
| Communication | 2 Ethernet/PROFINET ports | | | | | | 20 s | 60 s | 7 min | 14 min | Typical charging time |
| Number of modules in system, max. | 1 required | | | | 4 (any combination possible) NEW | | 60 A for 5 s/min | 60 A for 5 s/min | 40 A | 60 A for 5 s/min | Max. current in buffer operation |
| Dimensions W x H x D (mm) | 80 x 125 x 150 | 125 x 125 x 150 | 100 x 125 x 150 | 125 x 125 x 150 | 60 x 125 x 150 | 60 x 125 x 150 | 2 (any combination possible) | | | | Number of modules in system, max. |
| Article no. | 6EP3436-8SB00-2AY0 | 6EP3437-8SB00-2AY0 | 6EP3436-8MB00-2CY0 | 6EP3437-8MB00-2CY0 | 6EP4436-8XB00-0CY0 | 6EP4437-8XB00-0CY0 | 60 x 125 x 150 | 125 x 125 x 150 | 60 x 125 x 150 | 125 x 125 x 150 | Dimensions W x H x D (mm) |
| | | | | | | | 6EP4297-8HB00-0XY0 | 6EP4297-8HB10-0XY0 | 6EP4293-8HB00-0XY0 | 6EP4295-8HB00-0XY0 | Article no. |