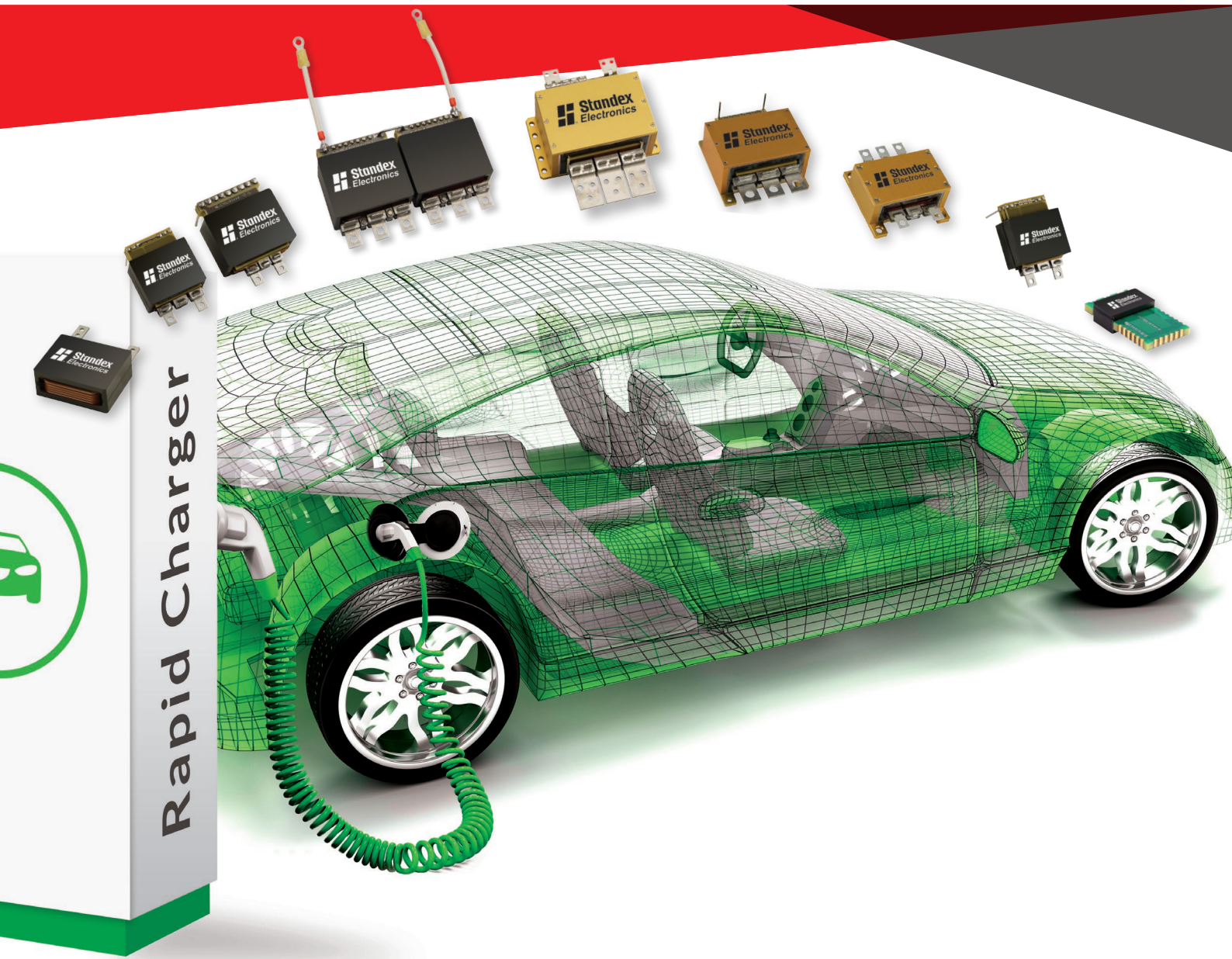


PLANAR MAGNETICS

LOW POWER 10W - 1kW MID POWER 1kW - 10kW HIGH POWER 10kW - 250kW



DC FAST CHARGING

DC/DC CONVERTER

ONBOARD CHARGER

Power Transformer // Output Choke // PFC // Resonant Inductor // Parallel Inductor

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PLANAR MAGNETICS

SIZE ~ Preceded by "P" or "I"

"P" = Transformer, "I" = Inductor

LOW POWER 10W - 1kW

MID POWER 1kW - 10kW

HIGH POWER 10kW - 250kW

ELECTRICAL SPECIFICATIONS

	025* SIZE	035* SIZE	055* SIZE	075* SIZE	110* SIZE	135 SIZE	220 SIZE	350 SIZE	560 SIZE	900 SIZE	2100 SIZE	4000 SIZE
Max Power Range (W):	50	150	200	500	700	1.2k	3k	6k	10k	20k	100k	250k
Max Current Rating (A):	20**	30**	50	50**	60**	100	250	300	400	500	600	1,000
***Isolation Pri-Sec (VDC):	2k	2k	2k	5k	5k	5k	5k	5k	5k	5k+	5k+	5k+
***Isolation Pri-Core (VDC):	-	-	-	2k	2k	2k	2k	2k	2k	2k+	2k+	2k+

MECHANICAL SPECIFICATIONS

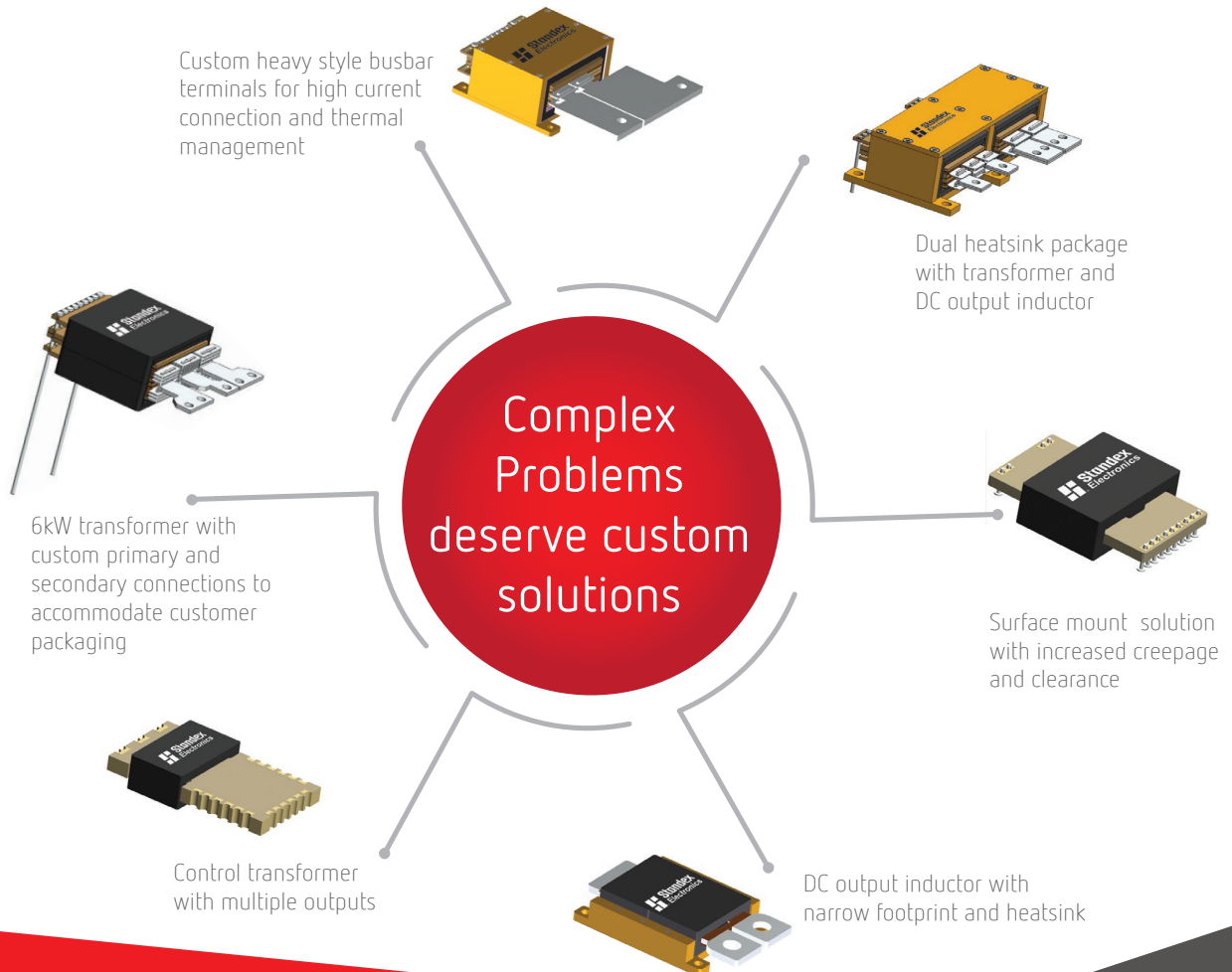
Forward	√	√	√									
Flyback	√	√	√	√								
Push-Pull	√	√	√	√								
Half Bridge	√	√	√	√	√	√						
Half Bridge (ZVS)	√	√	√	√	√	√						
Full Bridge				√	√	√	√	√	√	√	√	√
Full Bridge (ZVS)				√	√	√	√	√	√	√	√	√
Resonant Various	√	√	√	√	√	√	√	√	√	√	√	√
Length Typ. (mm)	17	23	25	30	35	40	45	50	65	120	195	300
Width Typ. (mm)	16	20	22	27	29	32	41	51	64	83	110	164
Height Typ. (mm)	7	8	10	11	13	15	20	23	27	40	45	63

NOTES

* Patented (U.S. PAT. 7,129,809) Header Design With Superior Thermal Management, Coplanarity, And Repeatable Height

** Current Rating Is 30% Higher For Through-Hole Applications

*** Typical values (can achieve higher if necessary)



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